ASR-MW-5

9/17/97 CNS

Does the well have an identification label on it? NO — "5" ON CAP. Does the well have any discharge or electrical conduits attached to it? NO s there any evidence of visual damage or tampering? NO The there any cracks or settlement in the casing seal? NO The there any cracks or settlement in the concrete cap (if present)? NO The there any soil washouts or ground depressions around the well? NO That is the organic vapor reading on the well riser pipe? DW/PID The ecord depth to water. 9,47' The there any immiscible layers? NO LNAPL OR DNAPL DECORD DEPT (SICTED) The bottom hard or sitted? SOFT (SICTED) The property of the property of the property of the property of the potential observations to well construction log if available.	What is the condition of the protective casing? $NONE - PVC$ RISE Does the well have an identification label on it? $NO - "S"ON CAP$ Does the well have any discharge or electrical conduits attached to it? NO Is there any evidence of visual damage or tampering? NO Are there any cracks or settlement in the casing seal? NO Are there any cracks or settlement in the concrete cap (if present)? NO Is there any soil washouts or ground depressions around the well? NO
copies the well have any discharge or electrical conduits attached to it?	Does the well have any discharge or electrical conduits attached to it?
There any evidence of visual damage or tampering? We there any cracks or settlement in the casing seal? We there any cracks or settlement in the concrete cap (if present)? Who is there any soil washouts or ground depressions around the well? Who is the organic vapor reading on the well riser pipe? Wh	Are there any cracks or settlement in the casing seal? NO Are there any cracks or settlement in the concrete cap (if present)? NO
The there any cracks or settlement in the casing seal? NO There any soil washouts or ground depressions around the well? NO That is the organic vapor reading on the well riser pipe? Ow/PID The coord depth to water. 9,47' The there any immiscible layers? NO LNAPL OR DNAPL The bottom hard or sitted? SOFT (SICTED) The property of the bottom of well construction log if available.	Are there any cracks or settlement in the casing seal? NO Are there any cracks or settlement in the concrete cap (if present)? NO
there any cracks or settlement in the concrete cap (if present)? No there any soil washouts or ground depressions around the well? NO that is the organic vapor reading on the well riser pipe? Ow/PID ecord depth to water. 9,47' re there any immiscible layers? NO LNAPL OR DNAPL accord depth to bottom of well. 39,91 the bottom hard or silted? SOFT (SICTED) compare field observations to well construction log if available.	Are there any cracks or settlement in the concrete cap (If present)? $N\partial$
That is the organic vapor reading on the well riser pipe? Ow/PID ecord depth to water9,47' re there any immiscible layers?NOLNAPL_ARDNAPL ecord depth to bottom of well39.9! the bottom hard or silted?SOFT(SICTED) compare field observations to well construction log if available. A 5 C X X X X X	
That is the organic vapor reading on the well riser pipe? O w/PID ecord depth to water. 9,47' re there any immiscible layers? NO LNAPL OR DNAPL ecord depth to bottom of well. 39,91 the bottom hard or sitted? SOFT (SICTED) compare field observations to well construction log if available.	s there any soil washouts or ground depressions around the well? NO
re there any immiscible layers? NO LNAPL OR DNAPL ecord depth to bottom of well. 39.91 the bottom hard or silted? SOFT (SICTED) compare field observations to well construction log if available.	S SPECIAL MONTH NOT
re there any immiscible layers? NO LNAPL OR DNAPL ecord depth to bottom of well. 39.91 the bottom hard or silted? SOFT (SICTED) compare field observations to well construction log if available.	What is the organic vapor reading on the well riser pipe? Ow/PID
the bottom hard or sitted? SOFT (SICTED) compare field observations to well construction log if available. A 5 C X X X X X	
the bottom hard or silted? SOFT (SICTED) compare field observations to well construction log if available. ASE XXXXXX	Are there any immiscible layers? NO LNAFL OR DNA PL
ompare field observations to well construction log if available. A 5 C X X X X X X X X X X X X X X X X X X	Record depth to bottom of well. 39,91
X X X X X X	s the bottom hard or silted? <u>SOFT (SICTED)</u>
X X X X X	compare field observations to well construction log if available.
X X X X X	
X X X X X	
	Z-TRACH

ASR MW-B

9/18/97

LUCES THE WE	ell have an identification label on It?
	ell have any discharge or electrical conduits attached to it? N_0 evidence of visual damage or tampering? N_0
io aloro arry	sylderice of visual damage of tampening?
Are there an	y cracks or settlement in the casing seal? $N \partial$
Are there an	y cracks or settlement in the concrete cap (if present)? ND
s there any	soil washouts or ground depressions around the well? <u>Ve9</u>
•	
15 A FE	IN INCHES BELOW CONCRETE (LEVEL GROU
15 A FE	IN INCHES BELOW CONCRETE (LEVEL GROS
Vhat is the c	organic vapor reading on the well riser pipe? $0.0 w/PID$ to water. 7.27
Vhat is the of Record depth	PIN INCHES BELOW CONCRETE (LEVEL GROUPS 0 , 0 w/PI) organic vapor reading on the well riser pipe? 0 , 0 w/PI) to water. 0
Vhat is the cord depth	programic vapor reading on the well riser pipe? (1.0 w/PI)
What is the cord depth Are there any	PIN INCHES BELOW CONCRETE (LEVEL GROUPS 0 , 0 w/PI) organic vapor reading on the well riser pipe? 0 , 0 w/PI) to water. 0
What is the condition of the condition o	Programic vapor reading on the well riser pipe? 0.0 w/PID to water. 0.27 wimmiscible layers? 0.0 LNAPID or 0.0 NAPID

11/20/97 TCS/MMMM LC1-1 (MW1)

- 1	s the well locked? MVO
\ _	What is the condition of the protective casing? Mo protective COIS
ב	loes the well have an identification label on It?
	oes the well have any discharge or electrical conduits attached to it?
ls	there any evidence of visual damage or tampering?
A	re there any cracks or settlement in the casing seal?
— Аг	e there any cracks or settlement in the concrete cap (If present)?
ls	there any soil washouts or ground depressions around the well?
Wi Re	cord depth to water
	there any immiscible layers?
Rec	cord depth to bottom of well. 15.81' 14.81' 72.5
s t	he bottom hard or sitted? Dilled
	npare field observations to well construction log if available.
	<u> </u>

11/20/97 725/RJK LCI-2

Does the well have an identification label on It? Does the well have any discharge or electrical conduits attached to is there any evidence of visual damage or tampering? Are there any cracks or settlement in the casing seal?	it? My
Does the well have any discharge or electrical conduits attached to is there any evidence of visual damage or tampering? Cop &	it? NO
Are there any cracks or settlement in the casing seat?	it? MO
Are there any cracks or settlement in the casing seat?	anne.
Are there any cracks or settlement in the casing seal?	0
$\alpha \circ t \circ \alpha \circ $	loose,
noterna seal heaved, crached	
Are there any cracks or settlement in the concrete cap (if present)?	m
Is there any soil washouts or ground depressions around the well?	
What is the organic vapor reading on the well riser pipe? 0.0	opm
Are there any immiscible layers?	
Record depth to bottom of well. 17.75'	
the bottom hard or sitted? Silfed	
compare field observations to well construction log if available. 010	

(MW3) LC1-3 TCS/RJK

What is the condition of the protection in a second state of the protection of the protection in the protection of the protection in the protection of the protection of the protection in the protection of the p
What is the condition of the protective casing?
Does the well have an identification label on It?
Does the well have any discharge or electrical conduits attached to it?
Is there any evidence of visual damage or tampering? Who have Ken
Are there any cracks or settlement in the casing seal? US - No Se al , pip
Are there any cracks or settlement in the concrete cap (If present)?
Is there any soil washouts or ground depressions around the well?
What is the organic vapor reading on the well riser pipe?
Record depth to water3.23 /
Are there any immiscible layers?
Record depth to bottom of well. 13,27
s the bottom hard or sitted? Ush Chart by cited
Compare field observations to well construction log if available.

NECC	I	D	CL	1-1
AREA	•	ţ		

WELL INTEGRITY INFORMATION FORM DATE 9-2-97

	(ine 18:20
	Is the well locked? You 2351 Million TE Town and TE
	• What is the condition of the protective casing? PAINTED YULLOW / KEW RUST
	GROTS SOLID APPROX 80 CM STICKUR
	Does the well have an identification label on It? (E) 7 (privide)
	Does the well have any discharge or electrical conduits attached to it?
	Is there any evidence of visual damage or tampering?
	Are there any cracks or settlement in the casing seal? CANNOT SEE SO AC
	GRAVEL ON SURFACE NEAR/ADOUD WELL TO PROTECTIVE CASING
	Are there any cracks or settlement in the concrete cap (if present)? <u>No can cap</u>
• .	
Ma 7-97	Is there any soil washouts or ground depressions around the well?
Gol	
	What is the organic vapor reading on the well riser pipe?
1/	• Record depth to water. 36.39 READING FROM SOUTH SIDE
MENUS	Are there any immiscible layers?
MC THE BECKINE	
MC 2 Records	Record depth to bottom of well. 60-47
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	• Is the bottom hard or silted?
Δ. (0 , ~ /	Compare field observations to well construction log if available.
Acte of	a valiable.
G796	
grov.	
	PICTURE 15/24 FUJI 1

R:VPEPORTSV4493003.FFM

CLH 13F6 ROOD

SW1-1

WELL INTEGRITY INFORMATION FORM

10/21/97 tes mmy

What is the condition	of the protective casing?
	3
Does the well have a	n identification label on It?
	ny discharge or electrical conduits attached to it?
	of visual damage or tampering?
Are there any cracks	or settlement in the casing seal?
·· ····	
Are there any cracks	or settlement in the concrete can (if present)? $\mathcal{L} \mathcal{I}$
Are there any cracks	or settlement in the concrete cap (if present)?
	or settlement in the concrete cap (If present)?
Is there any soil wash	nouts or ground depressions around the well?
Is there any soil wash	
Is there any soil wash What is the organic va	apor reading on the well riser pipe?
Is there any soil wash What is the organic va	apor reading on the well riser pipe? $5.4ppm$
Is there any soil wash What is the organic va Record depth to water Are there any immisci	apor reading on the well riser pipe?
Is there any soil wash What is the organic va Record depth to water Are there any immiscil	apor reading on the well riser pipe?

SW1-2

WELL INTEGRITY INFORMATION FORM

SW1-2 10/2/97 TCS mm

	ell locked? WS
What is t	the condition of the protective casing? 900 d
	<i>U</i>
Does the	well have an identification label on it?
	well have any discharge or electrical conduits attached to it?
Is there a	any evidence of visual damage or tampering?
Are there	any cracks or settlement in the casing seal?
Are there	any cracks or settlement in the concrete cap (if present)?
is there a	ny soil washouts or ground depressions around the well?
``	
	ne organic vapor reading on the well riser pipe?
	epth to water. 3 TCS 9.891
Are there	any immiscible layers? MO LNAPL / WO DNAPL
	·
Record de	epth to bottom of well. 32.25
	om hard or silted? Mand

SW1-3 TCS/MM M 10/23/97

	ell locked? UV
vvnat is	the condition of the protective casing?
Does th	e well have an identification label on it?
	e well have any discharge or electrical conduits attached to it?
	any evidence of visual damage or tampering?
Are there	any cracks or settlement in the casing seal? 400
Are there	any cracks or settlement in the concrete cap (if present)?
	any cracks or settlement in the concrete cap (if present)?
Is there a	the organic vapor reading on the well riser pipe? 17.1 pm (backgrown
Is there a	any soil washouts or ground depressions around the well?
Is there a What is t Record o	the organic vapor reading on the well riser pipe? 17.1 ppm (buckgrown lepth to water. 14.13
What is there of the cord of t	the organic vapor reading on the well riser pipe? 27.1 ppm (backgrown lepth to water

SW1-4
TCS/MMM
10/22/97

IA/hat ia i	the
Wildlis	the condition of the protective casing?
Does the	well have an identification label on It?
Does the	well have any discharge or electrical conduits attached to it?
Is there a	any evidence of visual damage or tampering?
Are there	any cracks or settlement in the casing seal?
Are there	any cracks or settlement in the concrete cap (if present)?
ls there a	ny soil washouts or ground depressions around the well?
What is th	ne organic vapor reading on the well riser pipe? 26.7 ppm (hades
What is the	
What is the Record de Are there	ne organic vapor reading on the well riser pipe? 26.7 ppm (backs epth to water
What is the Record de Are there	ne organic vapor reading on the well riser pipe? 26.7 ppm (backs apth to water

SW1-5

well have an identification label on it?
<u> </u>
well have any discharge as startist
well have any discharge or electrical conduits attached to it?
ny evidence of visual damage or tampering?
any cracks or settlement in the casing seal?
any cracks or settlement in the concrete cap (if present)?
ny soil washouts or ground depressions around the well?
e organic vapor reading on the well riser pipe?
opth to water
any immiscible layers? NO WAPUDN APL
pth to bottom of well. 41.6
om hard or sitted?
- r

SW1-6 10/22/97 TCS

Does the w	vell have an identification label on It?
	rell have any discharge or electrical conduits attached to it? IVO
	evidence of visual damage or tampering?
Are there a	ny cracks or settlement in the casing seal?
Are there a	ny cracks or settlement in the concrete cap (if present)?
	soil washouts or ground depressions around the well?
What is the	organic vapor reading on the well riser pipe?
What is the	organic vapor reading on the well riser pipe?
What is the Record dep Are there ar	organic vapor reading on the well riser pipe?
What is the Record dep	organic vapor reading on the well riser pipe?

SWI-7 TCS/MMM 10/22/97

Wł	
	nat is the condition of the protective casing?
Do	es the well have an identification label on It?
Do	es the well have any discharge or electrical conduits attached to it?
ls t	here any evidence of visual damage or tampering?
	those and a second a second and
Are	there any cracks or settlement in the casing seal?
Are	there any cracks or settlement in the concrete cap (if present)?
is ti	here any soil washouts or ground depressions around the well?
Wh	at is the organic vapor reading on the well riser pipe? Oroppm
Rec	cord depth to water. 11.20
Are	there any immiscible layers?
Rec	ord depth to bottom of well. 36,5
	ne bottom hard or silted? <u>US-hard</u>
s tr	

Oartron B-1 WELL INTEGRITY INFORMATION FORM

Is the w	rell locked? bolted; lock present but broken
What is	the condition of the protective casing?
Does th	e well have an identification label on It? N_{O}
	e well have any discharge or electrical conduits attached to it?
Is there	any evidence of visual damage or tampering? $\frac{1}{2}$
Are there	any cracks or settlement in the casing seal? $ \bigcirc \bigcirc $
Are there	any cracks or settlement in the concrete cap (If present)?
	any soil washouts or ground depressions around the well?
What is the	ne organic vapor reading on the well riser pipe?
Record d	epth to water. (South Side) 5.47'
	any immiscible layers? No
Record de	epth to bottom of well. 20.34*
s the bott	tom hard or silted?
	field observations to well construction log if available.
	a valiable.
- well	' cap doesn't fit tight
٨٠٨	1011
~ /W/)	LUCK LUCK

worl

Darton B-2 WELL INTEGRITY INFORMATION FORM

	Is the well locked?
	What is the condition of the protective casing? PODY - U.d. 15 mission and casuna 15 mis
	insta, bent - 131 cap but with
	Does the well have an identification label on It?
	Does the well have any discharge or electrical conduits attached to it?
	Is there any evidence of visual damage or tampering? Ves . Samally
	bent damaged and broke the entire casing
	Are there any cracks or settlement in the casing seal?
1	Is there any soil washouts or ground depressions around the well?
٧	What is the organic vapor reading on the well riser pipe?
F	Record depth to water. (South Side) 5.55'
Α	Are there any immiscible layers? No
_	
R	Record depth to bottom of well25.321
	the bottom hard or sitted?
	compare field observations to well construction log if available.

9/19/97 Anne Warber Jamie Dicker

Dartron B-3 WELL INTEGRITY INFORMATION FORM

What is the condition of the protective casing? broken off protein who will ave an identification label on it? No Does the well have any discharge or electrical conduits attached to it? No Is there any evidence of visual damage or tampering? S. Fylerythung Is Are there any cracks or settlement in the casing seal? Yes - practically Are there any cracks or settlement in the concrete cap (if present)? No Cap Are there any soil washouts or ground depressions around the well? The ground succound up the Well Is depressed all around the well what is the organic vapor reading on the well riser pipe? Record depth to water. Suthad 4, 45 SWL Are there any immiscible layers? No Record depth to bottom of well. Soft sutted Compare field observations to well construction log if available.	ls	the well locked?ND	
Does the well have an identification label on it? No Does the well have an identification label on it? No Does the well have any discharge or electrical conduits attached to it? No Is there any evidence of visual damage or tampering? VB; Everything IS ON LEAN OF AND GONE Are there any cracks or settlement in the casing seal? Ves - practically Are there any cracks or settlement in the concrete cap (if present)? No Cap OCCSENT NO CONCRETE AND PRESENT OF ADDITIONAL SUKCOLONDA THE WELL IS DEPRESED ALL AROUND THE WELL What is the organic vapor reading on the well riser pipe? Record depth to water. Suthade 4, 45 SWL Are there any immiscible layers? No Record depth to bottom of well. BOAR 22.10 Is the bottom hard or silted? SOFT SUHED Record depth to bottom of well. SOFT SUHED	W	That is the condition of the protective casing?	\
Does the well have any discharge or electrical conduits attached to it? Is there any evidence of visual damage or tampering? Is there any evidence of visual damage or tampering? In the casing seal? Are there any cracks or settlement in the casing seal? Are there any cracks or settlement in the concrete cap (If present)? In the capable of the concrete cap (If present)? Is there any soil washouts or ground depressions around the well? The ground surface of the well is depressed all around the well well what is the organic vapor reading on the well riser pipe? Record depth to water. Record depth to bottom of well. Record depth to bottom of well. Soft Silted		ground level - no cap; covered w/ rocks /ch	a h
Is there any evidence of visual damage or tampering? Lest Frenching Is In the any evidence of visual damage or tampering? Lest Frenching Is Are there any cracks or settlement in the casing seal? Are there any cracks or settlement in the concrete cap (if present)? Are there any cracks or settlement in the concrete cap (if present)? Is there any soil washouts or ground depressions around the well? The ground Sukcounding the Well is depresed all around the well What is the organic vapor reading on the well riser pipe? Record depth to water. Suklade 4, 45 'SWL Are there any immiscible layers? No Record depth to bottom of well. Back 22.10' Is the bottom hard or silted? Soft Suklade	Do	pes the well have an identification label on it? No	CK
Are there any evidence of visual damage or tampering? Note of and gone Are there any cracks or settlement in the casing seal? Note of and gone Are there any cracks or settlement in the concrete cap (if present)? Note of any oracks or settlement in the concrete cap (if present)? Note of any oracks or settlement in the concrete cap (if present)? Note of any oracks or settlement in the concrete cap (if present)? Note of any oracks or settlement in the concrete cap (if present)? Note of any oracks or settlement in the casing seal? Note of any oracks or settlement in the casi	Do	bes the well have any discharge or electrical conduits attached to it? N_D	
Are there any cracks or settlement in the concrete cap (If present)? No Cap OCSENT NO CONCRETE any where pen to Is there any soil washouts or ground depressions around the well? The ground SUKCOUND IND THE WELL IS DEPRESED ALL AROUND THE WELL What is the organic vapor reading on the well riser pipe? Record depth to water. SULLING 4, 45 SWL Are there any immiscible layers? No Record depth to bottom of well. Record depth to bottom of well. SOFT SULLING Is the bottom hard or silted? SOFT SULLING SOFT SULLIN	ls i	there any evidence of visual damage or tampering? 18; Everything is	
Is there any soil washouts or ground depressions around the well? The ground SUK munding the well is depressed all around the well well what is the organic vapor reading on the well riser pipe? Record depth to water. Southade 4, 45 'SWL Are there any immiscible layers? No Record depth to bottom of well. SOFT SULTED Is the bottom hard or silted? SOFT SULTED	Are	e there any cracks or settlement in the casing seal? Ves - practicalli	1
Is there any soil washouts or ground depressions around the well? The ground SUKCOUND THE WELL IS DEPRESSED ALL AROUND THE WELL WHAT IS the organic vapor reading on the well riser pipe? Record depth to water. Southade 4, 45 'SWL Are there any immiscible layers? No Record depth to bottom of well. SWA 22.10' Is the bottom hard or silted? SOFT SULTED	Are	there any cracks or settlement in the concrete cap (if present)?	
Surcound ing the well is depressed all around the well? The ground what is the organic vapor reading on the well riser pipe? Record depth to water. Southed 4, 45 'SWL Are there any immiscible layers? No Record depth to bottom of well. Suff 22.10' Is the bottom hard or silted? Soft Silted	_	present in no concrete any more	
What is the organic vapor reading on the well riser pipe? Record depth to water. Southands 4, 45 'SWL Are there any immiscible layers? No Record depth to bottom of well. Soft Silted	Is th	here any soil washouts or ground depressions around the walls I) (
Record depth to water. Southwale 4, 45 'SWL Are there any immiscible layers? No Record depth to bottom of well. SOFT SUFED Is the bottom hard or silted? SOFT SUFED	51	WK (minding the 11811 is devent and	
Record depth to water. Southed 4, 45 SWL Are there any immiscible layers? No Record depth to bottom of well. SWA 22.10 Is the bottom hard or sitted? SOFT SUFED	Wha	at is the organic vapor reading and is the organic vapor reading and is	re Ci
Are there any immiscible layers? No Record depth to bottom of well. SOFT SUFED Is the bottom hard or silted? SOFT SUFED	Rec		
Record depth to bottom of well. SOFT 22.10' Is the bottom hard or silted? SOFT SUFED			
Is the bottom hard or silted? SOFT SUFED	Are	there any immiscible layers? No	
Is the bottom hard or silted? SOFT SUFED			
	Rec	ord depth to bottom of well. 22.10	
Compare field observations to well construction log if available.	is th	e bottom hard or silted? Soft Silted	
	Com	npare field observations to well construction log if available	

9/19/97 AW/TD.

Dartron B-4

WELL INTEGRITY INFORMATION FORM

Does	the well have an identification label on It? $N0$
	the well have any discharge or electrical conduits attached to it?
Is ther	e any evidence of visual damage or tampering?
Are the	ere any cracks or settlement in the casing seal? N_0
Are the	ere any cracks or settlement in the concrete cap (If present)?
01	ister pieces cracked of
ls there	any soil washouts or ground depressions around the well?
<u> </u>	
What is	the organic vapor reading on the well riser pipe?
Record	depth to water. (Southside) 4,43'
Are the	e any immiscible layers? No
·	
Record	depth to bottom of well
s the bo	ottom hard or silted?
	e field observations to well construction log if available.
	a solica dodoli log il avaliable.

- replaced lock

Darton B-5 WELL INTEGRITY INFORMATION FORM

Is the well locked? Yes? with bolts
What is the condition of the protective casing? Metal Covering is
Does the well have an identification label on tt?
Does the well have any discharge or electrical conduits attached to it?
Is there any evidence of visual damage or tampering? N_0
Are there any cracks or settlement in the casing seal? None that can
De seen- well cosma can is flush with any
Are there any cracks or settlement in the concrete cap (if present)? <u>none</u> are
Is there any soil washouts or ground depressions around the well? - the ground
avound the well (~15+radius) is uneven but not washed ou
What is the organic vapor reading on the well riser pipe?
Record depth to water. (south side) 4.95'
Are there any immiscible layers? No
Record depth to bottom of well15.13'
Is the bottom hard or sitted? Navd bott om
Compare field observations to well construction log if available.
no rubba sa o
no rubber seal on well cap-doesn't shut
lots of trny ants inside well casing con

Dartron B-6 WELL INTEGRITY INFORMATION FORM

What is the condition of the protective casing? Metal neck is removable not much protection Does the well have an identification label on it? No Does the well have any discharge or electrical conduits attached to it? No Is there any evidence of visual damage or tampering? No tampering Are there any cracks or settlement in the casing seal? Are there any cracks or settlement in the concrete cap (if present)? Yes it all there any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Are there any immiscible layers? No Record depth to bottom of well. 14,80 Compare field observations to well construction log if available.	is th	ne well locked? No cover but cap is locked
Does the well have an identification label on it? No Does the well have any discharge or electrical conduits attached to it? No Is there any evidence of visual damage or tampering? No tampering Are there any cracks or settlement in the casing seal? Are there any cracks or settlement in the concrete cap (if present)? Are there any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Record depth to bottom of well. 14,80' Is the bottom hard or sitted?	Wha	at is the condition of the protective casing? Wetal neck is
Does the well have an identification label on it?		removable - not much protection
Is there any evidence of visual damage or tampering? No tampering but metal neck is (emovable) Are there any cracks or settlement in the casing seal? Is intact: No cracks Visual and the concrete cap (if present)? Are there any cracks or settlement in the concrete cap (if present)? Is there any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Are there any immiscible layers? No Record depth to bottom of well. 14,80' Sthe bottom hard or silted?	Doe	is the well have an identification label on it? \mathcal{N}
Is there any evidence of visual damage or tampering? No tampering but metal neck is (emovable) Are there any cracks or settlement in the casing seal? Is intact in the concrete cap (if present)? Its there any cracks or settlement in the concrete cap (if present)? Is there any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Record depth to bottom of well. Record depth to bottom of well. Soft	Does	s the well have any discharge or electrical conduits attached to it?
Are there any cracks or settlement in the casing seal? No. Seal. Are there any cracks or settlement in the concrete cap (If present)? Are there any cracks or settlement in the concrete cap (If present)? What is the any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Record depth to bottom of well. Record depth to bottom of well. 14,80′ Sthe bottom hard or sitted? Soft	is the	ere any evidence of visual damage or tampering?
Are there any cracks or settlement in the casing seal? No. Seal N	<u>bu</u>	it metal neck is removable
Are there any cracks or settlement in the concrete cap (if present)? Wes its All wacked apart Is there any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Southside 4, 13 Are there any immiscible layers? No Record depth to bottom of well. 14, 80' s the bottom hard or sitted? 5044	Are t	there any cracks or settlement in the casing seal?
Are there any cracks or settlement in the concrete cap (if present)? All (Nached apart) Is there any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Are there any immiscible layers? No Record depth to bottom of well. 14,80′ s the bottom hard or silted? Soft		> Intact; no cracks visuble
Is there any soil washouts or ground depressions around the well? What is the organic vapor reading on the well riser pipe? Record depth to water. Are there any immiscible layers? No Record depth to bottom of well. 14,80' s the bottom hard or silted? Soft	Are ti	here any cracks or settlement in the concrete cap (if present)?
What is the organic vapor reading on the well riser pipe? Record depth to water. Are there any immiscible layers? Record depth to bottom of well. 14,80' s the bottom hard or silted? Soft	_al	I cracked apart
What is the organic vapor reading on the well riser pipe? Record depth to water. Are there any immiscible layers? Record depth to bottom of well. 14,80' s the bottom hard or silted? Soft	Is the	re any soil washouts or ground depressions around the well?
Record depth to water		
Record depth to water. Solthside 4,13 Are there any immiscible layers? No Record depth to bottom of well. 14,80′ s the bottom hard or silted? 50+4	What	is the organic vapor reading on the well riser pipe?
Are there any immiscible layers? No Record depth to bottom of well. 14,80′ s the bottom hard or silted? 50+7	Recor	d depth to water. Southfilde 4 13
Record depth to bottom of well. 14,80's the bottom hard or silted? 50ft		
s the bottom hard or silted?Soft		
s the bottom hard or silted?Soft	Record	d depth to bottom of well
construction log if available.		
	- отпр	are note observations to well construction log if available.
	_	replaced lock

9/19/97

Dartron 40 WELL INTEGRITY INFORMATION FORM

ls	the well locked?
W	hat is the condition of the protective casing?intact
Do	pes the well have an identification label on it?
	pes the well have any discharge or electrical conduits attached to it?
İs	there any evidence of visual damage or tampering?
Are	there any cracks or settlement in the casing seal? \bigcirc
Are	there any cracks or settlement in the concrete cap (if present)?
ls ti	nere any soil washouts or ground depressions around the well?
Wh:	at is the organic versus. "
Rac	at is the organic vapor reading on the well riser pipe?
	ord depth to water. (SNH side) 5.11'
710	there any immiscible layers? No
 Rec	ord depth to bottom of well12.95/
	e bottom hard or silted?
<i>,</i>	pare field observations to well construction log if available.
	. 0
	replace d'Iock
eU	casing stands 10 13/
^	co all a the ac
И	
u	a Dartron are Thish
	casing stands up 13' in the ail other wells at Dartron are flush with the ground.
	with the ground. will in good condition

Does the	well have an identification label on it?NO
Does the	well have any discharge or electrical conduits attached to it?
s there ar	y evidence of visual damage or tampering?
ve there a	uny cracks or settlement in the casing seal?
re there a	ny cracks or settlement in the concrete cap (If present)?
	A COLOR TO METAL COLO
there any	soil washouts or ground depressions around the well? NO
hat is the	Organia vanas at at
cord den	organic vapor reading on the well riser pipe?
e there ar	th to water. (Smyth Side) 5 4)
	in initiacible layers?ive
cord dep	th to bottom of well. 9.97'
the bottor	n hard or silted?
	d observations to well construction log if available.
·	a valiable.

9/19/97 AW/JC

Dartron 49. WELL INTEGRITY INFORMATION FORM

	pes the well have an identification label on It?
D	bes the well have any discharge or electrical conduits attached to it?
s _	there any evidence of visual damage or tampering?
ı,	e there any cracks or settlement in the casing seal?
<u>-</u>	e there any cracks or settlement in the concrete cap (if present)?
3	here any soil washouts or ground depressions around the well?
L	asked out around concrete cape
Ė	at is the organic vapor reading on the well riser pipe? $40-100/50$
8	cord depth to water. (South side) 5.19
·e	there any immiscible layers? No
	133
90	ord depth to bottom of well 9,92
	ord depth to bottom of well. 9.92
ti	e bottom hard or sitted? hard Clay on nothing of On
ti	to bottom band as the re-
ti	e bottom hard or sitted? hard Clay on nothing of on
tt or —	npare field observations to well construction log if available.
tt or 	npare field observations to well construction log if available. Laced Vock
tt or 	npare field observations to well construction log if available. Laced Vock
th or f	ne bottom hard or sitted? hard Colay on bottom of proper field observations to well construction log if available. Laced York readings spiked of 100 Drager tubes for Vinyl Choride & Benze
th or ———————————————————————————————————	npare field observations to well construction log if available. Laced Vock



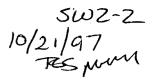
SW2-1

WELL INTEGRITY INFORMATION FORM

5W2-1 10/21/97 10:35 TCS MMM

Is the well locked?	<u>.</u>
What is the condition of the	protective casing?
Does the well have an ident	tification label on It?
	charge or electrical conduits attached to it?
	ual damage or tampering?
is alone any evidence of visi	ual damage of tampenings
Are there any cracks or sett	lement in the casing seal? , , , ,
Are there any cracks or settl	lement in the concrete cap (If present)?
Is there any soil washouts o	r ground depressions around the well?
\	r ground depressions around the well?
What is the organic vapor re	pading on the well riser pipe? 2. pom (1.7
What is the organic vapor re	pading on the well riser pipe? 2. pom (1.7
What is the organic vapor re	eading on the well riser pipe? 2. 1 ppm (1.7
What is the organic vapor re Record depth to water/ Are there any immiscible lay	eading on the well riser pipe? 2.1 ppm (1.7 9.86 ers? <u>wo mopl/dnapl</u>
What is the organic vapor re Record depth to water/ Are there any immiscible lay	eading on the well riser pipe? 2.1 ppm (1.7 9.86 ers? <u>wo mopl/dnapl</u>
What is the organic vapor re	rading on the well riser pipe? 2.1 ppm (1.7 9.86) ers? wo Inoply dnapl well. 44.54

SW 2-2



Doe	as the well have an identification label on it?
	es the well have any discharge or electrical conduits attached to it?
	nere any evidence of visual damage or tampering?
Аге	there any cracks or settlement in the casing seal?
Are	there any cracks or settlement in the concrete cap (if present)?
ls th	ere any soil washouts or ground depressions around the well?
	it is the organic vapor reading on the well riser pipe?1.8 ppm ord depth to water
Reco	
Reco	ord depth to water. <u>12.8.2</u>

STUDY AREA 3

CL\$ 3-1

9/17/97

Doe	is the well have an identification label on it? $\underline{MW-J''}$
Doe	is the well have any discharge or electrical conduits attached to it? $_$
Is th	ere any evidence of visual damage or tampering?
Are 1	there any cracks or settlement in the casing seal?
Are 1	there any cracks or settlement in the concrete cap (if present)?
ls the	ere any soil washouts or ground depressions around the well?
What	t is the organic vapor reading on the well riser pipe? O W/PID
What Reco	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
What Reco	t is the organic vapor reading on the well riser pipe? $O \omega / PID$ and depth to water. $8 \cdot 11$
What Reco Are to	t is the organic vapor reading on the well riser pipe? $O W/PID$ ord depth to water. $S/I/C$ here any immiscible layers?

CLA-5-2

WELL INTEGRITY INFORMATION FORM

9/17/97 Cus

	tion of the protective casing? $600D - 10''DA$
	action on the protective casing?
Does the well have	e an identification label on It?
	e any discharge or electrical conduits attached to it?
•	nce of visual damage or tampering?
Are there any crac	ks or settlement in the casing seal?
Are there any crac	ks or settlement in the concrete cap (if present)?
<u> </u>	ashouts or ground depressions around the well? No
	02
What is the organic Record depth to wa	e vapor reading on the well riser pipe? $\frac{\mathcal{O}}{\mathcal{O}} \approx \frac{\mathcal{O}}{\mathcal{O}} + \frac{\mathcal{O}}{\mathcal{O}} = \frac{\mathcal{O}}{\mathcal{O}} = \frac{\mathcal{O}}{\mathcal{O}} = \frac{\mathcal{O}}{\mathcal{O}} + \frac{\mathcal{O}}{\mathcal{O}} = \mathcal{$
Record depth to wa	e vapor reading on the well riser pipe? $\frac{(\mathcal{Y}, \mathcal{P}, \mathcal{P})}{(\mathcal{Y}, \mathcal{P}, \mathcal{P})}$ ater. $\frac{(\mathcal{Y}, \mathcal{P}, \mathcal$
Record depth to wa	scible layers?
Record depth to water there any immissions. Record depth to bo	ater. 9,7/ 4/2

CCA 3-3

WELL INTEGRITY INFORMATION FORM

9/17/97 Cut

What is the condition of	the protective casing? <u>COOD ~ 16" DIA</u>
Does the well have an id	entification label on it? $MW-3$
Does the well have any d	discharge or electrical conduits attached to it? $N_{\mathcal{L}}$
Is there any evidence of	visual damage or tampering?
 	
Are there any cracks or s	settlement in the casing seal? // 0
Are there any cracks or s	settlement in the concrete cap (if present)?
,	
is there any soil washouts	s or ground depressions around the well?
s there any soil washouts	s or ground depressions around the well?
	·
What is the organic vapor	r reading on the well riser pipe?
What is the organic vapor	r reading on the well riser pipe?
What is the organic vapor	r reading on the well riser pipe?
What is the organic vapor	r reading on the well riser pipe? 22.3/ layers?
What is the organic vapor Record depth to water Are there any immiscible I	r reading on the well riser pipe? 22.31 layers? N_0

CL\$ 3-4

WELL INTEGRITY INFORMATION FORM

9/17/97

Does	s the well have an identification label on it?
	s the well have any discharge or electrical conduits attached to it?
	ere any evidence of visual damage or tampering?
Are t	here any cracks or settlement in the casing seal?
Are t	here any cracks or settlement in the concrete cap (if present)?
ls the	ere any soil washouts or ground depressions around the well?
 What	is the organic vapor reading on the well riser pipe?
What Reco	`
What Reco	is the organic vapor reading on the well riser pipe? rd depth to water
What Recor	is the organic vapor reading on the well riser pipe?

CL# 3-5

WELL INTEGRITY INFORMATION FORM

9/17/97

	ne well locked? YES
Wha	at is the condition of the protective casing? $6000 - 10'' D/A$
Doe	is the well have an identification label on it? $M - S$
Doe	s the well have any discharge or electrical conduits attached to it? $_ \mathcal{N}_{\mathcal{C}}$
is th	ere any evidence of visual damage or tampering?
Are 1	there any cracks or settlement in the casing seal?
Are 1	there any cracks or settlement in the concrete cap (if present)?
Is the	ere any soil washouts or ground depressions around the well?
What	t is the organic vapor reading on the well riser pipe?
	ord depth to water
Are t	here any immiscible layers?
Reco	rd depth to bottom of well. 47,23
	•
	bottom hard or sitted?
s the	bottom hard or silted?

WELLID: CL3-6 STUDYAREA

WELL INTEGRITY INFORMATION FORM DATE TIME

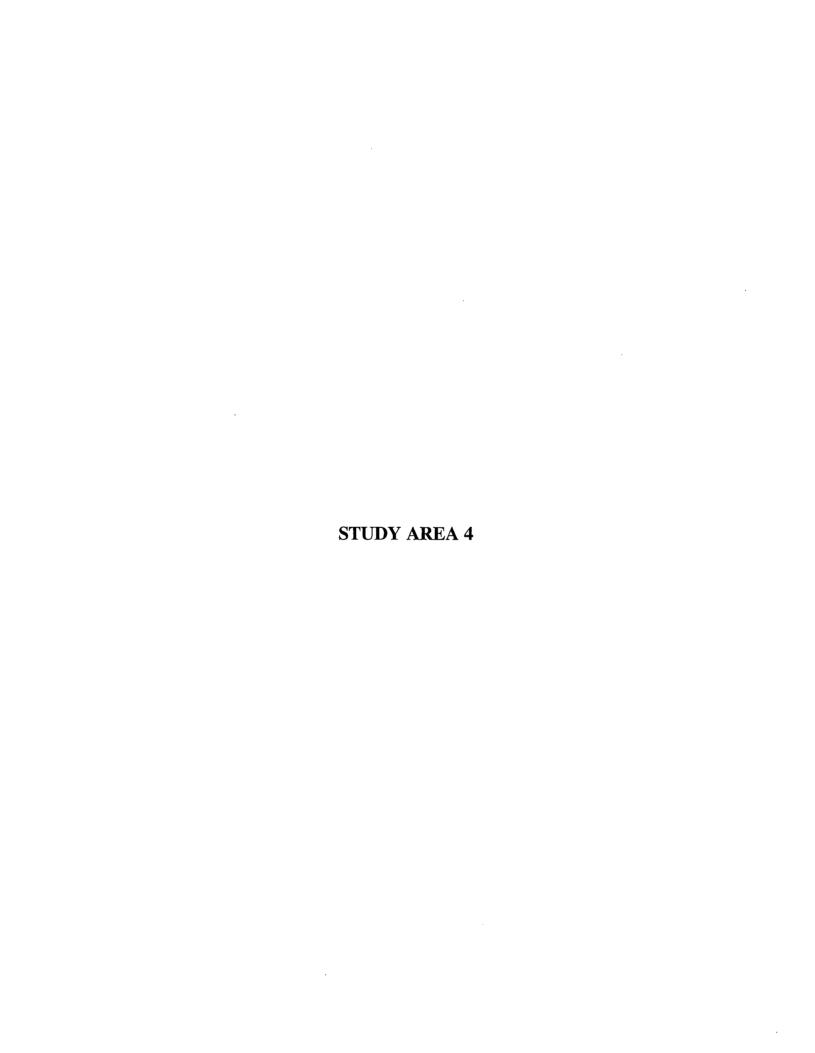
What is the	condition of the protective casing? 600 - 50017.
8"5	
	vell have an identification label on #2 'V
	rell have any discharge or electrical conduits attached to it?
Is there any	evidence of visual damage or tampering?
Are there a	ny cracks or settlement in the casing seal? No
Are there a	ny cracks or settlement in the concrete cap (If present)? No concr.
	The second in the second of the presently?
ls there any	soil washouts or ground depressions around the well? No WASH 6
Is there any	soil washouts or ground depressions around the well? NO WASH OF BOTH BETWEEN SOIL & GROWT ON CARESDE OF L
Is there any No DETRESS What is the	soil washouts or ground depressions around the well? NO WASH O ONS BUT CM GAP BETWEEN SOIL & GROWT ON CAMESIDE OF LE Organic vapor reading on the well riser pipe?
Is there any No DETRESS What is the	soil washouts or ground depressions around the well? NO WASH O ONS BUT CM GAP BETWEEN SOIL & GROWT ON CAMESIDE OF LE Organic vapor reading on the well riser pipe?
Is there any No DETRESS What is the Record dep	soil washouts or ground depressions around the well? NO WASH OF BOTH BETWEEN SOIL & GROWT ON CARESDE OF L
Is there any No DEPRESS What is the Record dep Are there ar	soil washouts or ground depressions around the well? NO WASH OF BUT ICM GAP BETWEEN SOIL & GROUT ON CARESDE OF E Organic vapor reading on the well riser pipe?
Is there any No DEPRESS What is the Record dep Are there ar	soil washouts or ground depressions around the well? NO WASH OF BUT ON GAP BETWEEN SOIL & GROUT ON CARESDE OF LE Organic vapor reading on the well riser pipe? th to water. y immiscible layers?
Is there any No DEPRESS What is the Record dep Are there ar Record dept s the bottor	soil washouts or ground depressions around the well? NO WASH OF BUT ICM GAP BETWEEN SOIL & GROUT ON CARESDE OF E Organic vapor reading on the well riser pipe?

CL\$ 3-6

WELL INTEGRITY INFORMATION FORM

9/17/97

Is the well locked?	
What is the condition	of the protective casing? $6000 - 10'' 0/$
Does the well have a	n identification label on it? YES - "MW-6
•	ny discharge or electrical conduits attached to it?
is there any evidence	of visual damage or tampering?
Are there any cracks	or settlement in the casing seal? NO
	or consensus in the examing scale
Are there any cracks	or settlement in the concrete cap (if present)? $\mathcal{N}\mathcal{D}$
•	(ii processing):
Is there any soil wash	outs or ground depressions around the well? $N\hat{O}$
Is there any soil wash	outs or ground depressions around the well? $\mathcal{N}\hat{\mathcal{O}}$
	greens copressions about a tro won:
What is the organic va	apor reading on the well riser pipe? $0.0 \omega/PID$
What is the organic va	apor reading on the well riser pipe? 0.0 w/PID
What is the organic va	apor reading on the well riser pipe? $0.0 \omega/PID$
What is the organic va Record depth to water Are there any immiscit	apor reading on the well riser pipe? 0.0 w/PID 15.40 Die layers?
What is the organic va Record depth to water Are there any immiscit Record depth to botton	apor reading on the well riser pipe? $0.0 \omega/PID$ 15.40 pole layers? 10 10 10 10 10 10
What is the organic value Record depth to water Are there any immiscit Record depth to bottoms the bottom hard or second depth to bottoms.	apor reading on the well riser pipe? $0.0 \omega/PID$ 15.40 pole layers? 10 10 10 10 10 10



SW4-1 10/22/97 TCS MMM

Does the well he	ave an identification label on #2 /// \
_	ave an identification label on it?
	ive any discharge or electrical conduits attached to it?
is there any evid	ence of visual damage or tampering?
Are there any cra	acks or settlement in the casing seal?
	
Are there any cra	acks or settlement in the concrete cap (If present)?
Is there any soil v	washouts or ground depressions around the well?
``	
What is the organ	nic vapor reading on the well riser pipe?
vinacis uio orgai	
	water. A let
Record depth to	miscible layers? NO LNAPL DNAPL
Record depth to	
Record depth to variety any immediately	
Record depth to the state of th	miscible layers? NO LNAPL DNAPL

5WH-4	
10/22/97 5/mm	ન

Does	the well have an identification label on it?
	the well have any discharge or electrical conduits attached to it?
	ere any evidence of visual damage or tampering?
Are t	nere any cracks or settlement in the casing seal?
Are th	nere any cracks or settlement in the concrete cap (if present)?
	re any soil washouts or ground depressions around the well?
What Reco	is the organic vapor reading on the well riser pipe? <u>6 0 ppm</u>
What Reco	is the organic vapor reading on the well riser pipe? 600000
What Recor	is the organic vapor reading on the well riser pipe? <u>6 0 ppm</u>
What Recor	is the organic vapor reading on the well riser pipe? O Oppm of depth to water. 14.21 Here any immiscible layers? MO LNAPL DN MO



WELL ID: GL5-1 STUDY AREA: 5

WELL INTEGRITY INFORMATION FORM

INSPECTOR SRZ DATE: 8-27-97 TIME: 10:00

What	
	s the condition of the protective casing? 4 WCH ROUND METAL
THE	ADS ON TOP PAINTED YELLOW.
	the well have an identification label on it? 165 - 5 (Privied CN)
Does	he well have any discharge or electrical conduits attached to it?
is the	any evidence of visual damage or tampering? SOME RUST NO DAMAGE TAMPERING
Are the	are any cracks or settlement in the casing seal? <u>NO - MOSTLY CUT</u>
Are the	re any cracks or settlement in the concrete cap (If present)? No concrete
Record	the organic vapor reading on the well riser pipe? >3 K BACKGROWND = 1 depth to water. 31.43 From STEEL PROTECTIVE CASING.
. ao aic	re any immiscible layers?
	re any immiscible layers?
Record	re any immiscible layers?
Record Is the b	depth to bottom of well. 41.03 From Steet PROTECTIVE CASINE Cottom hard or silted? HARDISH
Record Is the b	depth to bottom of well. 41.03 From Steet PROTECTIVE CASINE Cottom hard or silted? HARDISH
Record Is the to	depth to bottom of well. 41.03 From Steel Protective CASING Cottom hard or silted? HARDISH The field observations to well construction log if available. IS ATTROX IFE BELOW FOR OF STEEL PROTECTIVE OUTSE
Record Is the ti Compa PVC	depth to bottom of well. 41.03 From Steel Protective CASING Cottom hard or silted? HARDISH The field observations to well construction log if available. IS ATTROX 1. FE BELOW TOP OF STEEL PROTECTIVE OUTS
Record Is the to Compa PVC Cosume	depth to bottom of well. 41.03 From Steel Protective CASING Cottom hard or silted? HARDISH The field observations to well construction log if available. IS ATTROX IFE BELOW TOP OF STEEL PROTECTIVE OUTE - (ANNOT PUT HAND INSIDE TO TONCH PUE OR MERSIPE TO 2/12 KODAR ROLL
Record s the to Compa PVC COSTORE PHO	depth to bottom of well. 41.03 From Steel Protective CASING Cottom hard or silted? KARDISH The field observations to well construction log if available. IS ATTROX (FE BELOW TOP OF STEEL PROTECTIVE OUTE - CANNOT PUT HAND INSIDE TO TOUCH PUE, OR MERSON

WELL FD: CLS-Z STUDY MERA 5'

WELL INTEGRITY INFORMATION FORM DATE 8-29-97

N	What is the condition of the protective casing? RUSTED SECIP (4) NCH
	TREADED (ROUND) 4 INCH STICKLIP
	oes the well have an identification label on it?
	oes the well have any discharge or electrical conduits attached to it?
ls	there any evidence of visual damage or tampering?
Ar	re there any cracks or settlement in the casing seal? <u>CANNOT SEE STEE</u>
	<u> </u>
Ar	e there any cracks or settlement in the concrete cap (if present)? No Concognition
	in presently? 700 contracted out in presently?
ls '	there any soil washouts or ground depressions around the well? No washout or pro-
	The state of ground depressions abund the well? The Washout are pe
٨ŀ	nat is the organic vapor reading on the well riser pipe?
₹e	cord depth to water.
	there any immiscible layers?
	No layers more observed on 10/1/97 During Surging)
	cord depth to bottom of well.
	he bottom hard or silted?
· UI	mpare field observations to well construction log if available.



WELL ID: CL6-1 STUDY AREA = 6

WELL INTEGRITY INFORMATION FORM

INSPECTOR! SRZ DATE: 8-27-97 TIME: 62 12:25

` (Is the well locked? YES
´ •	What is the condition of the protective casing? (9001)
•	Does the well have an identification label on it? YES - 1 (PAWTEDON)
•	Does the well have any discharge or electrical conduits attached to it?
•	Is there any evidence of visual damage or tampering?
•	Are there any cracks or settlement in the casing seal? NO
•	Are there any cracks or settlement in the concrete cap (If present)? No CAT PRESENT.
•	Is there any soil washouts or ground depressions around the well? <u>NO WASHOUTS</u> BUT OBVIOUS SEPERATION BETWEEN GROUT + SOIL — STALLE LICM.
· • • • • • • • • • • • • • • • • • • •	What is the organic vapor reading on the well riser pipe? Transport BACKER WARD NO
15,45	Record depth to water. 13.02 Ft 207 of PVC
/ /2 * •	Are there any immiscible layers?
•	Record depth to bottom of well. 25,88
•	Is the bottom hard or silted? サタルフ
•	Compare field observations to well construction log if available.
	PICTURES: 5/12; 6/12; 7/12

WELLID: CL 6-1A STUDY AREA: 6

WELL INTEGRITY INFORMATION FORM

INSPECTOR: STE DATE 8-27-97 TIME G 12:30

- j	• Is the well locked? YES.
	• What is the condition of the protective casing? 6000 - Sollo.
	Does the well have an identification label on it? Yes - (A (PMN76) ON)
	Does the well have any discharge or electrical conduits attached to it?
	Is there any evidence of visual damage or tampering? No Section 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12
	- CM SECTIEMENT FICEDULAN COPSO-
	• Are there any cracks or settlement in the casing seal? CANNOT SEE SEAL
	15 cm servienen Filled with torson & over crain w/ GRASS
	 Are there any cracks or settlement in the concrete cap (if present)? No CAP.
-	
	Is there any soil washouts or ground depressions around the well? YES APPROX SEGMENT 5 CM GEPRESSION, NO. WASHOUT-
	• What is the organic vapor reading on the well riser pipe? 50 pm BACKGROUND VZ.
	• Record depth to water. $13.10 \pm (10) \times (1$
8-28-97	Are there any immiscible layers?
<i>)</i>	
	Record depth to bottom of well. 18,93 103 of PV C
	• Is the bottom hard or silted? <u> </u>
	Compare field observations to well construction log if available
	PICTURES: Sliz; 6/12; 7/17

WECCID CLGJ AREA 6

WELL INTEGRITY INFORMATION FORM DAGE 9-2-97

Time 16:45

· ,	Is the well locked? YES-
	What is the condition of the protective casing? Former You with tost
	 Does the well have an identification label on it? Y∈≤ ≥A
	Does the well have any discharge or electrical conduits attached to it?
	Is there any evidence of visual damage or tampering? \(\sum{NO} \)
	Are there any cracks or settlement in the casing seal? <u>CANNOT SIGE SEAR</u>
	Are there any cracks or settlement in the concrete cap (if present)? NO CON. CAP
•	Is there any soil washouts or ground depressions around the well?
(NEAREST 4-6 IM TOWELL DOWN 10-20 CM WITH CRACKS EXTENDING DOTOR
9-2-97	• What is the organic vapor reading on the well riser pipe? Oppn wed Oppn E.G.
BY RS.A-	Record depth to water. <u>\$8.14</u>
	Are there any immiscible layers?
<i>)</i>	• Record depth to bottom of well. 39.07
	Is the bottom hard or silted?
	Compare field observations to well construction log if available

WELLED: CLG-3 STUDY AREA: G

WELL INTEGRITY INFORMATION FORM DATE: 8-27-97

	VES
What is the condition	of the protective casing? Socio - 4 INCH ROUN
GTEFL WITH	THREADED (AP.
Does the well have a	n identification label on It? LES - 3 (PAINTED ON +
Does the well have a	ny discharge or electrical conduits attached to it?
Is there any evidence	of visual damage or tampering?
THREADED CAP	Looks NEW.
Are there any cracks	or settlement in the casing seal? CANNOT SEE SEM
Are there any cracks	or settlement in the concrete cap (if present)? NO CAP.
Is there any soil wash	outs or ground depressions around the well?
-Args Genec Use	TO FILL WISHOUT TO IFF DECTS.
What is the organic va	apor reading on the well riser pipe? 35 ppm BACHGOOOND 2
Record depth to water	1) 8)
Record depth to water	r
Record depth to water	1) 8)
Record depth to water Are there any immisci	r
Record depth to water Are there any immisci Record depth to botto	r
Record depth to water Are there any immiscil Record depth to botto s the bottom hard or	m of well. 18.82
Record depth to water Are there any immiscil Record depth to botto s the bottom hard or	r
Record depth to water Are there any immiscil Record depth to botto s the bottom hard or	m of well. 18.82
Record depth to water Are there any immiscil Record depth to botto is the bottom hard or a Compare field observa	ble layers?
Record depth to water Are there any immiscil Record depth to botto is the bottom hard or a Compare field observa	ble layers?
Record depth to water Are there any immiscil Record depth to botto is the bottom hard or a Compare field observa	m of well. 18.82 silted?

WELLID: CL6-4 STUDYAREA 6

WELL INTEGRITY INFORMATION FORM

INSECTORISEZ
PATE 8 27.77
TIME 11:11

	identification label on It?		
	y discharge or electrical con of visual damage or tamperi		to it? NO
Are there any cracks of	or settlement in the casing se	par? No	
Are there any cracks o	r settlement in the concrete	cap (if presen	1)? NO CAP
s there any soil washo	outs or ground depressions a	around the wel	17 YES.
What is the organic val	oor reading on the well riser 4.22	pipe? <u>100 84</u>	CKEROUD. />
re there any immiscib	le layers?		
ecord depth to botton			
the bottom hard or s	ilted? <u>50年7</u> , ions to well construction log	if available	

WELL I.D. : CLG-5 STUDY AREA: 6

WELL INTEGRITY INFORMATION FORM

ĵ	•	Is the well locked? YES
	•	What is the condition of the protective casing?
	•	Does the well have an identification label on it? YES 6-B
	•	Does the well have any discharge or electrical conduits attached to it?
	•	Is there any evidence of visual damage or tampering?
	•	Are there any cracks or settlement in the casing seal? YES SMALL SUPERATION BETWEEN GROUT AND STEET CASING
	•	Are there any cracks or settlement in the concrete cap (if present)? No CAD
	•	Is there any soil washouts or ground depressions around the well? <u>NO WASHOUTS</u> 6 CM DEPRESSION FOR IDEM DIAMETER AROUN CASING.
	•	What is the organic vapor reading on the well riser pipe? 4pm BACKGrown = 1.3
8-28-97	•	Record depth to water. 17.34 From tor of FUC
15:15	•	Are there any immiscible layers?
	•	Record depth to bottom of well. 62.75
	•	Is the bottom hard or sitted? NOT HARD POSSIBLE STUT
	•	Compare field observations to well construction log if available.
ご (ひ	ていたど	9/12 Kepan Roll

WEUTOS CL6-6 AREA: 6

WELL INTEGRITY INFORMATION FORM

TNSPECTOR STRZ ORSA
DATE 9/2/97
TIME: 5:00

J	• Is the well locked? YES	•
	 What is the condition of the protect 	tive casing? Builtied / Rusted
	TOP IS BELOWN GROW	NO SURFACE
	 Does the well have an identification 	n label on it?
	 Does the well have any discharge 	or electrical conduits attached to it?
	 Is there any evidence of visual dan 	
	Are there any cracks or settlement Vissible	in the casing seal? CASING SETT NOT
	Are there any cracks or settlement	in the concrete cap (if present)? NO CAP
5.50	30 CM WIDE PETTESSION ANDUM	on the well riser pipe? 30pm / 0pm - Briffronto
	• Record depth to water. 3.26	Fr (PUC)
	 Are there any immiscible layers?	7035 (BLF 3.25 Ft (PUC)
\ ./ ./	 Record depth to bottom of well. 7. 	
	 Is the bottom hard or silted? <u>Site</u> Compare field observations to well of 	construction log if available.
		TREE TREE
	PICTURE 6/24 FUSI1 7/24 FUJI1	W WWW WORLD CONTROL
	WELL IS 19F4 FREM TOP OF BIG ROCK IN DIRECTION TOWARDS ZED OF ZTREES ON UPPOSITE SIDE OF RIVER	CUG-G PRIVER CUG-G PRIVER GRAND FREES SIREUR STRAFE
AC.	AND ZOTE FROM NEAREST OF GRAD OF 3 TREES	Foor
.W &	RIVEPORTS 14483003. FRM	caa3
	•	ACCESS ROOM

NECL ID CLG-7 ARVA G

WELL INTEGRITY INFORMATION FORM

INSTERIOR - 573 DATE 9-7-97 TIME 16:15

7	• Is the well locked? YES SILTED STUCK.
	• What is the condition of the protective casing? SHORT RUBTED SOLID.
	GCM STICKUP
	Does the well have an identification label on it? NO BUT SIGN NEFT TO REMS [2]
	Does the well have any discharge or electrical conduits attached to it?
	• Is there any evidence of visual damage or tampering?
	SILTED AROUND WELL
	Are there any cracks or settlement in the casing seal? <u>CANNOT SEE SEAC</u>
	SILTED AROUNDWELL
	• Are there any cracks or settlement in the concrete cap (if present)? NO CON- CAD
•	Is there any soil washouts or ground depressions around the well?
15:40	• What is the organic vapor reading on the well riser pipe? 81 mm ewect on BG.
	Record depth to water. 4.75 Ft
	• Are there any immiscible layers? 4.745 Ft VERY SCIENT IF PRESENT.
¥	Record depth to bottom of well. 10,75
	Is the bottom hard or silted? SILTED - VETT SOFT.
	Compare field observations to well construction log if available. NA
マバイロ	178 (8-17) /211 FUSI 1

WELL FD: CL6-8 AREA: 6

WELL INTEGRITY INFORMATION FORM

+NSPLTYON SDY
TUSPECTOR SRZ
DATE 6-28-97
TOME GALLE
18.13

Does the well have an identification label on it? Does the well have any discharge or electrical conduits attached to it is there any evidence of visual damage or tampering? Are there any cracks or settlement in the casing seal? SCTED ARE CANNOT SEE SEAC, PUC COOSE INSIDE OF ARE there any cracks or settlement in the concrete cap (if present)?	E W NN Steel CASIA
Are there any cracks or settlement in the casing seal? SCTED ARE CANNOT SEE SEACO PUC COOSC (ASIDE W" Are there any cracks or settlement in the concrete cap (if present)?	E W NN Steel CASIA
Are there any cracks or settlement in the concrete cap (If present)?	Steer CASIN
Are there any cracks or settlement in the concrete cap (If present)?	
Are there any cracks or settlement in the concrete cap (If present)?	
What is the organic vapor reading on the well riser pipe? $\frac{2030p}{6.67}$	n Span
Are there any immiscible layers? _ NO	-
4/ATER YELLOW LIKE LEMONADE.	· · · · · · · · · · · · · · · · · · ·
Record depth to bottom of well. 6.3	·
s the bottom hard or silted? YES	
compare field observations to well construction log if available.	

WELL ID: GL6-9 AREA: 6TNSPECTOR: SRZ VATE: 8-29-97 WELL INTEGRITY INFORMATION FORM ([ME: 9:15

	MASTERLOIK KEYS FIT / STRIPE - 0
•	Is the well locked? YES - NO KEYS WORK SERIES 20 AMERICAN CAM U.S.A.
•	What is the condition of the protective casing? SHORT & RUSTED THREADED COURT/CAP, GINCHES STICKUP
•	Does the well have an identification label on it?
•	Does the well have any discharge or electrical conduits attached to it?
•	Is there any evidence of visual damage or tampering?
•	Are there any cracks or settlement in the casing seal? CANNOT SEE SEAL. ALGHT DEFRESION IS FILLED WITH SILT.
	Are there any cracks or settlement in the concrete cap (If present)? NO CAP (ORASSES GROWN UP TO PROTECTIVE STEEL LASING.
•	Is there any soil washouts or ground depressions around the well? NE CAP WAMOU SUIGHT DEPRESSION Z-3 CM.
WECC LACKER	What is the organic vapor reading on the well riser pipe? 90 gg.
G-2997	Are there any immiscible layers? No
or The	Record depth to bottom of well. 12.76
Cak Sun 3	Is the bottom hard or silted?
•	Compare field observations to well construction log if available. NA

WELL FROM

STUDY AREA 7

WELL INTEGRITY INFORMATION FORM

SW7-7 many 10/22/97

Does the v	vell have an identification label on it?
	vell have any discharge or electrical conduits attached to it?
	y evidence of visual damage or tampering?
Are there a	ny cracks or settlement in the casing seal?
Are there a	ny cracks or settlement in the concrete cap (if present)?
	ry cracks or settlement in the concrete cap (if present)?
Is there any	organic vapor reading on the well riser pipe? 17.3 pp m (7.2
Is there any What is the	soil washouts or ground depressions around the well?
Is there any What is the Record dep	organic vapor reading on the well riser pipe? 17.3 pp m (7.2)
What is the Record dep	organic vapor reading on the well riser pipe?

WELL INTEGRITY INFORMATION FORM

SW7-3 10/22/97

Does the well	have an identification label on it?
	- A
	have any discharge or electrical conduits attached to it? ridence of visual damage or tampering?
is there arry ov	idelice of visual damage or tampering?
Are there any o	cracks or settlement in the casing seal?
Are there any o	racks or settlement in the concrete cap (if present)?
Is there any so	il washouts or ground depressions around the well?
	<u> </u>
	anic vapor reading on the well riser pipe?
Record depth to	o water. 9,6
Are there any in	mmiscible layers? MOZNAPU DNAPL
Passed don't to	h-Ma
	bottom of well
s the bottom ha	ard or sitted?
	observations to well construction log if available.

WELL INTEGRITY INFORMATION FORM

SW7-4 TRS/MMM 1923/97

ls	the well locked? MS
W	nat is the condition of the protective casing?
Do	es the well have an identification label on it?
	es the well have any discharge or electrical conduits attached to it?
ls t	here any evidence of visual damage or tampering?
Are	there any cracks or settlement in the casing seal?
Are	there any cracks or settlement in the concrete cap (if present)?
ls t	nere any soil washouts or ground depressions around the well?
Wha	at is the organic vapor reading on the well riser pipe?
Rec	ord depth to water
Are	there any immiscible layers?
Rec	ord depth to bottom of well. 18.72
	e bottom hard or silted? hard, Some sitt
Com	pare field observations to well construction log if available.

APPENDIX D MONITORING WELL DEVELOPMENT RECORDS



	-		· · · · · · · · · · · · · · · · · · ·					
Project No.	W0021-00	1-20	Project Location	S.A.1 -	NWRR			
Well I.D.	SWI-1		Date	10-9-	97			
	,,,,		"	· · · · · · · · · · · · · · · · · · ·	•			
		WELL	DATA					
	Well Diameter	(in.)	2" PYC	,				
	Total Well De	oth (ft)	40.3					
	Depth to Top o	of Screen (ft)	28.1	/				
	Screen Length	ı (ft)	10'					
	Depth to Static	Water Level (ft)	8.95					
	Equipment Used Submersible Pump Development Method Used Pumpe P							
			(ns/cm				
Volume (gallons)	pH (S.U.)	- Eh - (VM) - Colo-(Specific / Conductance (m-ohms)	Temperature (C)	Other (specify) Turbidity			
START	10.01		1.42	16.7	TURBID			
6.6 gac	9.04	cloudy	,82	16.6	ا ربه			
12.5	7.64	/	1.11	15.8	i ·			
				<u> </u>				
		9:40)					
Comments	DRY @	9:40						
Comments	- JR4 (G)	•						
Comments		12.5901	orns 40	72 13 C				

MONITORING WELL DEVELOPMENT RECORD

Painesville Works Site Painesville, Ohio

Project No.	W0021-	001-20	Project Location	S.A.1-1	UWRR	
Well I.D.	SW1-7			10-9		
		···				
		WELL	DATA			
	Well Diameter	(in.)	2" PVC 32.25			
	Total Well De	pth (ft)		:		
	Depth to Top	of Screen (ft)	19.5'			
	Screen Length	ı (ft)	10'			
	Depth to Static	Water Level (ft)	9.78			
Equipment U	sed <u></u>	in S	US MERSIBL	e zung		
Development	Method Used	Pumped				
Volume				1S/cm		
Volume (gallons)	pH (S.U.)	(mV)	Specific ′ Conductance	Temperature (C)	Other (specify)	
		COlor CLOUDY GR-4 GR-9	(m ohms)	. ,	Tubidity	
START	6.78	Cloudy	1.39	20.4	NO 1- 8	
5 9AC	7.04	GR-4	1-70	15.7	TURBID	
10 gAC	7.14	g Re g	1.84	15.5	il	
-		/ /				
	<u> </u>					
Comments DRY @ 1/10 9AC 9:00						
		2	,	<u> </u>		
Development	Development Personnel Bowses Mornes Way DC					

Project No.	W0021-0	01-21	Project Location	S.A.1-	Tanner.		
Well I.D.	<u>SW1-3</u>	3		10-9			
			·		•		
WELL DATA							
	Well Diameter	(in.)	2" P1C				
	Total Well De		36.64				
	Depth to Top o	of Screen (ft)					
	Screen Length	· · · · · · · · · · · · · · · · · · ·	10'				
	Depth to Statio	Water Level (ft)	14.05				
Equipment U	sed Sub,	mersible,	Punp				
Developmen	t Method Used	Pumpe	-/	· · · · · · · · · · · · · · · · · · ·			
				ns/cm			
Volume (gallons)	pH (S.U.)	-Eh-	Specific / Conductance	Temperature	Other (specify)		
(gunono)	(0.0.)	COLOR	(m ohms)	(C)	Tarbidity		
START	7.35	clordy	1.428	15.2	TURBIP		
5.0	7-2	<i>(()</i>	1.4 2 % S.1	15.0	. 1		
10.0	7.43	((16.0	/1		
		· · · · · · · · · · · · · · · · · · ·					
							
	<u> </u>						
<u> </u>							
Comments DRY OILOGAL							
Development Personnel Bowser - Mornor Way BC							

Project No.	W0021-0	101-22	Project Location	S. A.1-	PVS	
Well I.D.	Sw1-1	{	Date	10-9	- 97	
		WELL	DATA	-		
	Well Diamete	r (in.)	2"PVC			
	Total Well De	pth (ft)	44.66			
	Depth to Top	of Screen (ft)	44.66 31' 10'			
	Screen Lengtl	n (ft)	10′			
	Depth to Statio	Water Level (ft)	10.69			
Equipment U	Jsed	5UB Mers	isle fump			
Developmen	it Method Used	Pumpe	1			
•		10007€		ns/Cm		
Volume	pH	Eh_	Specific /	Temperature	Other (specify)	
(gallons)	(S.U.)	COLOR	Conductance _(m_ohms)	(C)	Turbidity	
START	7.72	closely Closely Oley	2.3	17.0	TURBIP	
5.5	10.56	clouds	2.0	15.9	TURBIN	
11.0	7-91	Claude	2.4	15-9	TURBIO	
16.5	746	gley	2.3	15.5	TURBID	
L						
Comments DRY O 11.5 GAL Recharged A F+CR 1.25 hrs						
Development Personnel Bauser Morner Wy BC						

		11-23			
Well I.D.	<u>SW1-5</u>	5	Date	9/19/9	77 - 11:35 am
		WELL	. DATA	· · · · ·	
	Well Diameter		2" PVC		
	Total Well De	```	41.6		
	Depth to Top o	of Screen (ft)	301	_	
	Screen Length	ı (ft)	10 °		
	Depth to Statio	: Water Level (ft)	10.55		
Equipment Us Development	Method Used	BAILED			
				MSICA	
Volume	pН	- E h⊸		mS/cm Temperature	Other (specify)
Volume (gallons)	pH (S.U.)	Eh- (mV) COLOR	Specific Conductance	Temperature (C)	Other (specify) TURBIDITY
	•	\m\\)	Specific	Temperature	, , , , ,
(gallons)	(S.U.)	COLOR	Specific Conductance (m-ohms)	Temperature (C)	TURBIDITY
(gallons)	(S.U.)	COLOR	Specific / Conductance (m shms) / 35	Temperature (C)	TURBIDITY NONP
(gallons) 5TART 5 gal	(S.U.) //. 9 /2./	COLOR NONP GREY	Specific / Conductance (m chms) / . 35	Temperature (C)	TURBIDITY NONP TURBID
(gallons) 5TART 5 gal 10 gal 12 gal	(S.U.) 11. 9 12. 1 9. 9 12. 2	COLOR NONP GREY	Specific Conductance (m ohms) 1.35 1.55 0.86 1.49	Temperature (C) 20° 20' 15° 15°	TURBIDITY NONP TURBID 11
(gallons) 5TART 5 gal 10 gal 12 gal 12 gal 5tart	(S.U.) 11. 9 12. 1 9. 9 12. 2	COLOR NONP GREY	Specific / Conductance (m chms) / . 35 / . 55 / . 55 / . 49	Temperature (C)	TURBIDITY NONP TURBID 11 11 turbid
(gallons) 5TART 5 gal 10 gal 12 gal 12 gal 5 gal	(s.u.) 11. 9 12. 1 9. 9 12. 2 8.8 9.1	COLOR NONE LREX 11 11 QXEY Cloudy	Specific / Conductance (m chms) /. 35 / . 55 / . 55 / . 68 / . 1.49	Temperature (C) 20° 20 15° 15°	TURBIDITY NONP TURBID 11 11 turbid turbid
(gallons) 5TART 5 gal 10 gal 12 gal (12 gal (123) Start	(S.U.) 11. 9 12. 1 9. 9 12. 2	COLOR NONE LREX 11 11 QXEY Cloudy Grey	Specific / Conductance - (m-shms) / . 35 / . 55 / . 55 / . 55 / . 686 / . 49 / . 1.49	Temperature (C) 20° 20 15° 15° 14° 14°	TURBIDITY NONP TURBID 11 11 turbid turbid Tibid
(gallons) 5TART 5 gal 10 gal 12 gal 12 gal 12 gal 10 sal	(S.U.) 11. 9 12. 1 9. 9 12. 2 8.8 9.1 9. 4	COLOR NONE LREX 11 11 QXEY Cloudy	Specific / Conductance (m chms) /. 35 / . 55 / . 55 / . 68 / . 1.49	Temperature (C) 20° 20' 15° 15° 14° 14° 14°	TURBIDITY NONP TURBID 11 11 turbid turbid

Comments 9-19-97 DRY @ 12 gal @ 11:55	9-23-97 purged dry (2)	egallons
Development Personnel C. SKIERA		

Project No.	W0021-0	01-24	Project Location	S.A.1-	DARTRON
Well I.D.	SWI-C	97			
		WELL	DATA	······································	
	Well Diamete	r (in.)	2"PVC		
	Total Well De	pth (ft)	19.05		
	Depth to Top	of Screen (ft)	9.65'		
	Screen Lengt	h (ft)	10'		
	Depth to Stati	c Water Level (ft)	9.95		
Equipment U	/sed				
				· 	
Developmen	t Method Used				
Values				nskm	
Volume (gallons)	pH (S.U.)	~ Eh- -(mV)-	Specific Conductance	Temperature (C)	Other (specify)
		COLOR	(m-ohms)	. ,	Turbdity
START	7.19	gReg	.89	19.5	Turbdity
2.0	6-89	Clouds	.79	17.6	c (
40	7.34(* /	.78	16.4	e (
6-0	7-59	i (.99	16.4	tl
8.0	7,74	greg		16.0	C(
		, ,			
		10:55			•
Comments	M/ c	8,0			
	,				
Developmen	t Personnel	Bowser-Me	ens wo	y B	(,

MONITORING WELL DEVELOPMENT RECORD

Painesville Works Site Painesville, Ohio

Project No.	W0021-0	501-34	Project Location	S.A.1-	CHELMSFORD
Well I.D.	Sw1-)			-97
					 .
		. DATA			
	Well Diameter	r (in.)	2"P	1C	
	Total Well De		36.51 25.8		
	Depth to Top				
	Screen Length		10'		
	Depth to Station	Water Level (ft)	12.15		
		.			
Equipment U	sed	Sub mensione	lung		
Development	: Method Used		. 0		
Development	. Method Osed	Submer	cible Pung	ms/cm	······································
Volume	pН	-Eh	Specific /	Temperature	Other (specify)
(gallons)	(S.U.)	COLOR	Conductance (m ohms)	(C)	Turb. dity
START	8.93	Cloudy	1.98	18.4	TURBIA
4.0	10.4	CLEAR	1.27	15.9	rore
8.0	851	CLARK	2.1	14.7	10 mc
12.0	8.30	CLAR	2. 7	14.7	Nort
				·	
·					
	ļ				
:					
, <u>L</u>	<u> </u>	<u> </u>			
			5:15		
Comments	DRY AT	12 911			
		····			
Development	Personnel	D 11_		n BC	
Dovolopiniem	(Dowser-Mo	Wy)	<u></u>

STUDY AREA 2

D! -4 N		2.					
	W0021-0	101-76	Project Location				
Well I.D.	5W2-1		Date	10-9	-97		
	WELL DATA						
			 				
	Well Diameter		2"PVC				
	Total Well De		32'				
	Depth to Top o						
	Screen Length		10'				
	Depth to Static	Water Level (ft)	19.78				
! ! 							
Equipment Us	ied <u>5</u>	ob mersibi e	PUMP				
Development	Method I leed						
Development	Method Osed	Pun		slom			
Volume	рН	-Eh	Specific /	Temperature	Other (specify)		
(gallons)	(S.U.)	_(mV)	Conductance	(C)			
		COLOR	(m ohms)		Turbidity		
START	9.06	Smakey	,49	23.5	TURBIO		
4.91	9.44	CLEAR	2.3	16.0	None		
8996	8.40	CLEAR	3-4	15.1	rone		
12946	9.44 8.82	Smokey	3-4	16,2	TURBIO		
	-						
	-						
			L				
Comments 17.30							
Development Personnel Bows Morres Long BC							

T_u v

Project No.	_ WOO21	-001-26	Project Location	S.A.2-	- Scepter	
Well I.D.	Sw2-2			10 - 9	v. ——	
					ı	
	· · · · · · · · · · · · · · · · · · ·	WELL				
:	Well Diameter	· · · · · · · · · · · · · · · · · · ·	2"PVC			
	Total Well Dep		36.38			
	Depth to Top o		24'			
	Screen Length		101			
:	Depth to Statio	Water Level (ft)	12.75	!		
Equipment Us	and E		_			
Equipment Us	<u>ه ک</u>	bnorsike 20	n P			
Development	Method Used	Pump	•//			
	ouiou ooou	1 cmp	.t	ns/cm		
Volume	рН	— Eh →	Specific /	Temperature	Other (specify)	
(gallons)	(S.U.)	-(mV) COLOR	Conductance (m ohms)	(C)	Turbidity	
START	8.79	CLEAR	.38	24	MONE	
4.0	9.45	Cloud 4	.68	16.6	TURBID	
8-0	9.13	Chardy	1.0	14,9	, (
12	9.33	Cloudy Cloudy Cloudy	1.28	15.9	1 "	
Comments 16:45						
		· · ·				
Development	Personnel	Bowsy M	urnus 2 An	BC		
		10000110	- wy b			

STUDY AREA 4

Project No.	oject No. WOD21-001-19			Project Location S.A. 4-CLH			
Well I.D.	$S\omega 4-1$ Date $10-9-97$				9-97		
WELL DATA							
	Well Diameter (in.) 2 " PVC						
	Total Well Depth (ft) 38.91 Depth to Top of Screen (ft) 26						
	Depth to Top o	f Screen (ft)	26'				
	Screen Length	(ft)	10'				
	Depth to Static	Water Level (ft)	27.4				
Equipment Us	Sed Sole	mersike	zump				
	<u>.</u>						
Development	Method Used	Pump	ed				
37.1	· · · · · · · · · · · · · · · · · · ·			ns/cm			
Volume (gallons)	pH (S.U.)	Eh (mV)	Specific ' Conductance	Temperature (C)	Other (specify)		
		COLOR	(m ohms) -	(0)	Turbidity		
START	10.75	Charcoac	3. 2	23.9	TURBID		
2,0 900	10.81	greg	3.4	18.5	د٦		
4,0 90	11.27	greg	4.0	18.5	10		
6.0 900	11.35	grey	4. 7	14.1	10		
<u> </u>							
<u> </u>							
<u> </u>							
Every							
Comments DRY AT 2.0 gAC AFTER 30 MINS, mode I well volume							
12/3:0							
Development	Personnel 7	Sourser-Me	ornor 25	m)	BC		

Project No.	W0021-001-31 Project Location S.A.4-6			SRAUTHAM			
Well I.D.	Sw4-						
	WELL DATA						
	Well Diameter	(in.)	2" PVC	n nama			
	Total Well De						
	Depth to Top	of Screen (ft)	25.83				
	Screen Length	ı (ft)	12.5				
	Depth to Statio	Water Level (ft)	16.84				
					·		
Equipment U	lsed	Sub mersible	e Pump				
					_		
Developmen	t Method Used	Pumpe	- 4				
		, , , , , , , , , , , , , , , , , , ,		mS/cm	•		
Volume (gallons)	pH (S.U.)	Eh (mV)	Specific Conductance	Temperature	Other (specify)		
(guilons)	(0.0.)	COLOK	(m ohms)	(C)	Turbidity		
START	8.62	DARK GREG	3. 6	21.4	+ URBid		
15	897	9Re4	3-5	15-8	TURBIA		
3.0	8.78	9/129	3_2	17.6	TURBIA		
4.5	853	4R-9	3.5	16.8	TURBICI		
		, ,					
Comments							
Developmen	t Personnel	Bowses-M	escor	way B			
		13 M = - 100		7			
· · · · · · · · · · · · · · · · · · ·							



Project No. WODZ1-001-32 Project Location SA7-ParsoTwp						
	SW7-2		Date 10/22/97			
WELL DATA Well Diameter (in.) 7 " 2 " ₽ √ €						
1	Well Diameter					
I	Total Well Depth (ft) 11.75					
· •	Depth to Top o		6'		·	
1	Screen Length	ι (π) : Water Level (ft)	2/		3,75%.36 =0,6	
ì	Depui to Grand	VValer Lever (II)	\mathcal{J}			
Equipment Use	ed . /∩.1 ; r	11-pera	6			
		1 Journey	<u> </u>			
Development N	Method Used	pump				
		 				
Volume (gallons)	pH (\$.U.)	_Eh (mV)	Specific Conductance	Temperature (C)	Other (specify)	
(guilone)	(0.0.)	Color	(m-ohms)mS		Tubility	
(NITIAL	8.14	clean	1,60	10.1	Sliterbid	
0.6		H granks	1.85	7.5°	Slitubia	
1.2	7.85	11. 9 1	2.0	10.0	Sl. hubid	
1.8-2	7.43		2.2	11.4	Strubi	
		U				
		-2/				
	. : -					
Comments $17:20 - 18:00$						
75.00						
Development I	Development Personnel TCS/MMM					

MONITORING WELL DEVELOPMENT RECORD

Painesville Works Site Painesville, Ohio

Project No. () 4701 4701 - 22 Private in C. O. D. 1100						
Project No. $40021-001-33$ Well I.D. $5407-3$			Project Location S.A.7 - NACEUE			
well (.D.	_ XW 1	- 3	Date	10-9	-91	
WELL DATA						
	M/all Diamata		I			
	Well Diameter	- `	2"PVC			
	Total Well De	· ′	18.6			
	Depth to Top		6.2'			
	Screen Length					
	Depth to Station	Water Level (ft)	6.56			
Equipment Us	sed > v	breisible	lump			
Development	Method Used	Pumpe	<u>/</u>			
Volume	рН	Eb		mslem		
(gallons)	(S.U.)	— Eh— — (mV)	Specific Conductance	Temperature (C)		
		color	(m-ohms)	<u> </u>	Turbidity	
START	6.72	geor Brown	1.83	263	Turbidity TURBID	
J. AAC	6-41	20	1.55	17.2	41	
4.916	6,48	i. 11	1.52	16.7	71	
-6.4AC	6.5	1 (141	16.6	1 \	
8. gr	6.48	Light cial	1.42	17.1	i (
10.91	6-51	Cloudy	1.46	16. i	1 (
15	6.52	" /	1-47	16-5	1 4	
ર ૦	6.52	ic	1.47	17.5	₁ (
25	6.50	CLEAR	1.43	17.9	NONE	
30	6.55	CUAR	1-49	16.6	rong	
Comments ///45						
Development	Personnel	Bowser Mor.	res from	BC		
	Ü			/		

MONITORING WELL DEVELOPMENT RECORD

Painesville Works Site Painesville, Ohio

Project No.	W021-02	01-33	Project Location	S.A.7.	-NACELLE
Well I.D.	<u>Sw7</u>	-4		10-0	
	WELL DATA				
	Well Diamete	r (in.)	2"PVC		
	Total Well De	pth (ft)	18.72		
	Depth to Top	of Screen (ft)	8'		
	Screen Length	n (ft)	10'		
	Depth to Station	Water Level (ft)	7.28		
Equipment U	lsed				
	•			·	
Developmen	t Method Used			-1	
Volume	l pU			ns/cm	
(gallons)	pH (S.U.)	Eh	Specific / Conductance	Temperature (C)	`` "
		couck	(m_ohms)->		lurbidity
STAR'T	6.83	1800	6-1	<i>23</i> , 3	Turbidity TURBIA
2.0	6.8	Character	3.8	19.0	TURBIN
4.0	6.78	NONE	8.8	17.9	MONR
6.0	7.13	Clordy	8.5	16.8	TURBIN
8,0	7.18	9109	8,1	16-9	
Comments 12:15					
Comments Day Of 8.0 12.11					
Developmen	t Personnel	Bowse Me	onel us	$\frac{BC}{2}$	/

APPENDIX C MONITORING WELL CONSTRUCTION LOGS

WELL CONSTRUCTION LOG

4 inch square	PROTECTIVE	
∧ steel	CASING	PROJECT Chemical Land Holdings
		PROJECT# W0021-001-20
		WELL SW1-1
2.2 ft		TOWN/CITY & STATE Painsville, OH
		<u> </u>
		LAND SURFACE ELEVATION AND DATUM 616.49'
│ │		SURVEYED ESTIMATED
V LAND SORTAGE	-	30KVETED ESTIMATED
	8 INCH DIAMETER	
	DRILLED HOLE	INICTALL ATION DATE(O).
		INSTALLATION DATE(S):
	WELL CASING	START DATE & TIME 9/26/97 / 10:05
	2 INCH DIAMETER	COMPLETION DATE & TIME 9/26/97
	D)/O	
<u> </u>	PVC	
	BACKFILL	
	§ GROUT12:20	DRILLING METHOD 4 1/4" Hollow Stem Auger
	•	DRILLING CONTRACTOR Bowser Morner
22' 7	" ft	DRILLING FLUID None
	BENTONITE SLURRY	
	X PELLETS	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
24' 10	<u>"</u> ft [*]	
1 1 1		
		,
28.	1 ft [*]	
		WATER REMOVED DURING DEVELOPMENT
	WELL SCREEN	STATIC DEPTH TO WATER see develop. log
	2 INCH DIAMETER	GROUT 8% BENTONITE VOLUME 50 gal
	PVC 10 SLOT	
	GRAVEL PACK, SIZE	METHOD OF PLACEMENT
	X SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 400 POUNDS
	FORMATION COLLAPSE	METHOD OF PLACEMENT Gravity
		- January
38.	1 n *	
38.	_	
		PREPARED BY: Stephen Zayko
DEPTH BELOW LAND SU	REACE	THE ARED DI. Otephien Zayko
DEF IN BELOW LAND 50	NI ACE	
MEASURING POINT IS TOP OF	WELL CASING	

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
↑ steel CASING	PROJECT Chemical Land Holdings
	PROJECT # W0021-001-20
	WELL SW1-2
2.8 ft	TOWN/CITY & STATE Painsville, OH
LAND SURFACE 8 INCH DIAMETER DRILLED HOLE WELL CASING 2 INCH DIAMETER PVC BACKFILL S GROUT	LAND SURFACE ELEVATION AND DATUM 617.67' SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 9/25/97 / 16:05 COMPLETION DATE & TIME 9/25/97 / 19:00 DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR Bowser Morner
15 ft'	DRILLING FLUID None
BENTONITE SLURRY X PELLETS 17 ft	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
19.5 ft	
	WATER REMOVED DURING DEVELOPMENT
WELL SCREEN	STATIC DEPTH TO WATER see develop. log
2 INCH DIAMETER PVC 10 SLOT	GROUT 10% BENTONITE VOLUME 40 gal
GRAVEL PACK, SIZE	METHOD OF PLACEMENT
X SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 350 POUNDS
FORMATION COLLAPSE	METHOD OF PLACEMENT Gravity
29.5 ft*	
29.5 ft*	
	PREPARED BY: Stephen Zayko
DEPTH BELOW LAND SURFACE	
MEASURING POINT IS TOP OF WELL CASING	

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
↑ steel CASING	PROJECT Chemical Land Holdings
	PROJECT # W0021-001-21
	WELL SW1-3
2.2 ft	TOWN/CITY & STATE Painsville, OH
BINCH DIAMETER DRILLED HOLE WELL CASING 2 INCH DIAMETER PVC BACKFILL X GROUT 20 ft to 17.8 ft	LAND SURFACE ELEVATION AND DATUM 618.27' SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 9/24/97 / 16:20 COMPLETION DATE & TIME 9/25/97 / 11:30 DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR Bowser Morner DRILLING FLUID None
BENTONITE X SLURRY	
X PELLETS	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
ft [*]	
24 ft* WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT	WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 7.50% BENTONITE VOLUME
GRAVEL PACK, SIZE	METHOD OF PLACEMENT Tremie
X SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 350 POUNDS
FORMATION COLLAPSE	METHOD OF PLACEMENT Gravity
34 ft 34 ft	PREPARED BY: Stephen Zayko
DEPTH BELOW LAND SURFACE	
MEASURING POINT IS TOP OF WELL CASING	

WELL CONSTRUCTION LOG

Steel CASING PROJECT Chemical Land Holdings PROJECT # W0021-001-22 WELL SW1-4 TOWN/CITY & STATE Painsville, OH LAND SURFACE 8 INCH DIAMETER DRILLED HOLE WELL CASING 2 INCH DIAMETER PVC BACKFILL S GROUT BENTONITE 26 ft SURRY STATE Painsville, OH DRILLING METHOD DATE & TIME 9/23/97 / 18:35 COMPLETION DATE & TIME 9/23/97 / 15:30 DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR Bowser Morner DRILLING FLUID None BENTONITE SLURRY X PELLETS 28.5 ft WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE Stephen Zayko WATER REMOVED BURING DEVELOPMENT STATE DEPTH TO WATER See develop. log GROUT SAND PACK, SIZE #5 FORMATION COLLAPSE METHOD OF PLACEMENT STATE DEPTH TO WATER See develop. log GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT STATE DEPTH TO WATER See develop. log GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT STATE DEPTH TO WATER STATE DEPTH TO WATER See develop. log GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT STATE DEPTH TO WATER STATE DEPTH SEE DEPTH TO WATER SEE DEPT	4 inch square PROTECTIVE	
WELL SW1-4 TOWNCITY & STATE Painsville, OH LAND SURFACE 8 INCH DIAMETER DRILLED HOLE WELL CASING 2 INCH DIAMETER PVC BACKFILL R GROUT BENTONITE SLURRY XI PELLETS 28.5 ft WELL SCREEN 2 INCH DIAMETER PVC BACKFILL R GROVEL PACK, SIZE FORMATION COLLAPSE 41 ft 42 ft PREPARED BY: START DATE & TIME 9/23/97 / 18:35 COMPLETION DATE & TIME 9/24/97 / 15:30 DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING FLUID NONE WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT GRAVEL/SAND VOLUME METHOD OF PLACEMENT GRAVEL/SAND VOLUME METHOD OF PLACEMENT METHOD OF PLACEMENT METHOD OF PLACEMENT METHOD OF PLACEMENT		
3.7 ft V LAND SURFACE LAND SURFACE LAND SURFACE LEVATION AND DATUM 617.66' S SURVEYED ESTIMATED S START DATE & TIME 9/23/97 / 18:35 C COMPLETION DATE & TIME 9/24/97 / 15:30 PVC		
LAND SURFACE LAND SURFACE LAND SURFACE LAND SURFACE LEVATION AND DATUM 617.66'		WELL SW1-4
SURVEYED	3.7 ft	TOWN/CITY & STATE Painsville, OH
SURVEYED		
SURVEYED		
B INCH DIAMETER DRILLED HOLE WELL CASING 2 INCH DIAMETER PVC BACKFILL X GROUT DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR Bowser Morner DRILLING FLUID None BENTONITE SLURRY A PELLETS 28.5 ft WATER REMOVED DURING DEVELOPMENT STATIC DEPTH BELOW LAND SURFACE METHOD OF PLACEMENT GRAVEL PACK, SIZE 41 ft 42 ft PREPARED BY: Stephen Zayko		
DRILLED HOLE WELL CASING 2 INCH DIAMETER PVC BACKFILL S GROUT DRILLING METHOD 4 1/4" HOllow Stem Auger DRILLING FLUID None DEVELOPMENT TECHNIQUE(S) AND DATE(S) WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GRAVEL PACK, SIZE S SAND PACK, SIZE S SAND PACK, SIZE FORMATION COLLAPSE A 1 ft WELL SCREEN GRAVEL PACK, SIZE S SAND PACK, SIZE S SAN	U LAND SURFACE	SURVEYED ESTIMATED
DRILLED HOLE WELL CASING 2 INCH DIAMETER PVC BACKFILL S GROUT DRILLING METHOD 4 1/4" HOllow Stem Auger DRILLING STUD None DRILLING FLUID None DEVELOPMENT TECHNIQUE(S) AND DATE(S) WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GRAVEL PACK, SIZE S SAND PACK, SIZE S SAND PACK, SIZE S SAND PACK, SIZE FORMATION COLLAPSE A 1 n' A 2 n' NSTALLATION DATE(S): START DATE & TIME 9/23/97 / 18:35 COMPLETION DATE & TIME 9/23/97 / 15:30 DRILLING METHOD A 1 1/4" Hollow Stem Auger DRILLING FLUID NONE DEVELOPMENT TECHNIQUE(S) AND DATE(S) WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE VOLUME 50 GRAVEL SAND PACK, SIZE FORMATION COLLAPSE A1 n' A2 n' PREPARED BY: Stephen Zayko		
WELL CASING 2 INCH DIAMETER PVC BACKFILL GROUT BENTONITE SLURRY WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE FORMATION COLLAPSE 41 ft 42 ft DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING FINID None START DATE & TIME 9/23/97 / 18:35 COMPLETION DATE & TIME 9/24/97 / 15:30 DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING FORMATION DATE (S) DEVELOPMENT TECHNIQUE(S) AND DATE(S) WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT GRAV		
2 INCH DIAMETER PVC BACKFILL GROUT DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR DRILLING FLUID None BENTONITE SLURRY DEVELOPMENT TECHNIQUE(S) AND DATE(S) 31 ft WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GRAVEL PACK, SIZE SAND PACK, SIZE SAND PACK, SIZE FORMATION COLLAPSE 41 ft 42 ft PREPARED BY: Stephen Zayko		
PVC BACKFILL REPARED BY: BENTONITE BENTONITE BENTONITE BENTONITE SLURRY DRILLING METHOD 4 1/4" Hollow Stem Auger Bowser Morner Bow	WELL CASING	START DATE & TIME 9/23/97 / 18:35
BACKFILL GROUT 26 ft BENTONITE SLURRY WELL SCREEN 22 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE X SAND PACK, SIZE X SAND PACK, SIZE FORMATION COLLAPSE 41 ft 42 ft DRILLING METHOD 4 1/4" Hollow Stem Auger Bowser Morner Bowser Mo	2 INCH DIAMETER	COMPLETION DATE & TIME 9/24/97 / 15:30
BACKFILL GROUT 26 ft BENTONITE SLURRY WELL SCREEN 22 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE X SAND PACK, SIZE X SAND PACK, SIZE FORMATION COLLAPSE 41 ft 42 ft DRILLING METHOD 4 1/4" Hollow Stem Auger Bowser Morner Bowser Mo	PVC	
DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR Bowser Morner DRILLING FLUID None BENTONITE BENTONITE SLURRY DEVELOPMENT TECHNIQUE(S) AND DATE(S) WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop, log GROUT 20% BENTONITE VOLUME 50 GRAVEL PACK, SIZE SAND PACK, SIZE #5 GRAVEL/SAND VOLUME 375 POUNDS FORMATION COLLAPSE 41 ft 42 ft PREPARED BY: Stephen Zayko		
DRILLING CONTRACTOR Bowser Morner DRILLING FLUID None SLURRY X PELLETS		DRILLING METHOD 4 1/4" Hollow Stem Auger
BENTONITE SLURRY X PELLETS 28.5 ft 31 ft WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE VOLUME 50 GRAVEL PACK, SIZE #5 X SAND PACK, SIZE #5 FORMATION COLLAPSE METHOD OF PLACEMENT STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE VOLUME 50 GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT GRAVEL/SAND VOLUME GRAVEL/SAND		
DEVELOPMENT TECHNIQUE(S) AND DATE(S) 28.5 ft 31 ft WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEVELOPMENT TECHNIQUE(S) AND DATE(S) WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity PREPARED BY: Stephen Zayko	26 ft [*] _	DRILLING FLUID None
DEVELOPMENT TECHNIQUE(S) AND DATE(S) 28.5 ft 31 ft WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEVELOPMENT TECHNIQUE(S) AND DATE(S) WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity PREPARED BY: Stephen Zayko		
28.5 ft WELL SCREEN YELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE X SAND PACK, SIZE FORMATION COLLAPSE DEPTH BELOW LAND SURFACE WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT GRAVEL/SAND VOLUME 375 PREPARED BY: Stephen Zayko	BENTONITE SLURRY	
31 ft WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE S SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity PREPARED BY: Stephen Zayko	X PELLETS	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE X SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity PREPARED BY: Stephen Zayko	28.5_ ft [*]	
WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity PREPARED BY: Stephen Zayko		
WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity PREPARED BY: Stephen Zayko		
WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity PREPARED BY: Stephen Zayko		
WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE X SAND PACK, SIZE #5 FORMATION COLLAPSE DEPTH BELOW LAND SURFACE STATIC DEPTH TO WATER See develop. log GROUT 20% BENTONITE VOLUME 50 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT GRAVEL/SAND VOLUME PREPARED BY: Stephen Zayko	31 ft	
2 INCH DIAMETER PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE #5 FORMATION COLLAPSE THE THE TENNION COLLAPSE BENTONITE VOLUME 500 METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT GRAVEL/SAND VOLUME TO THE TENNION GRAVEL/SAND VOLUME TO THE TENNIO		
PVC 10 SLOT GRAVEL PACK, SIZE SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE METHOD OF PLACEMENT tremmie GRAVEL/SAND VOLUME 375 POUNDS METHOD OF PLACEMENT gravity METHOD OF PLACEMENT gravity METHOD OF PLACEMENT STEPHEND STEPH		
GRAVEL PACK, SIZE SAND PACK, SIZE FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE METHOD OF PLACEMENT GRAVEL/SAND VOLUME GRAVEL/SA		GROUT SENTONTE VOLUME SU
SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE GRAVEL/SAND VOLUME METHOD OF PLACEMENT METHOD OF PLACEMENT FREPARED BY: DEPTH BELOW LAND SURFACE	FVC 10 SLOT	
SAND PACK, SIZE #5 FORMATION COLLAPSE 41 ft 42 ft DEPTH BELOW LAND SURFACE GRAVEL/SAND VOLUME METHOD OF PLACEMENT METHOD OF PLACEMENT FREPARED BY: DEPTH BELOW LAND SURFACE	GRAVEL PACK SIZE	METHOD OF PLACEMENT tremmie
FORMATION COLLAPSE METHOD OF PLACEMENT gravity 41 ft 42 ft PREPARED BY: Stephen Zayko DEPTH BELOW LAND SURFACE		
41 ft 42 ft PREPARED BY: Stephen Zayko DEPTH BELOW LAND SURFACE		<u> </u>
42 ft PREPARED BY: Stephen Zayko DEPTH BELOW LAND SURFACE		
42 ft PREPARED BY: Stephen Zayko DEPTH BELOW LAND SURFACE	41 ft	
DEPTH BELOW LAND SURFACE	42 ft*	
		PREPARED BY: Stephen Zayko
MEASURING POINT IS TOP OF WELL CASING	DEPTH BELOW LAND SURFACE	
MILAUDINIAU I OIRT IO TOF OF WELL CAGINO	MEASURING POINT IS TOP OF WELL CASING	
UNLESS NOTED OTHERWISE		

WELL CONSTRUCTION LOG

4 inch square F	PROTECTIVE	
↑ steel c	CASING	PROJECT Chemical Land Holdings
		PROJECT # W0021-001-23
		WELL SW1-5
2.5 ft		TOWN/CITY & STATE Painsville, OH
		LAND SURFACE ELEVATION AND DATUM 622.74'
		SURVEYED ESTIMATED
	8 INCH DIAMETER	
	DRILLED HOLE	INSTALLATION DATE(S):
· ·	WELL CASING	START DATE & TIME 9/17/97
	2 INCH DIAMETER	COMPLETION DATE & TIME
-		
	PVC	
	BACKFILL	
	GROUT	DRILLING METHOD 4 1/4" Hollow Stem Auger
0514411	_·	DRILLING CONTRACTOR Bowser Morner
25' 11" _f	t	DRILLING FLUID None
	DENTONITE OLUBBY	
	BENTONITE SLURRY X PELLETS	DEVELOPMENT TECHNIQUE(O) AND DATE(O)
27' 11" f		DEVELOPMENT TECHNIQUE(S) AND DATE(S)
30 f	n.	
		WATER REMOVED DURING DEVELOPMENT
The state of the s	WELL SCREEN	STATIC DEPTH TO WATER see develop. log
	2 INCH DIAMETER	GROUT 7% BENTONITE VOLUME 50 gal
	PVC 10 SLOT	
-		
	GRAVEL PACK, SIZE	METHOD OF PLACEMENT tremmie
	SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 350 POUND
	FORMATION COLLAPSE	METHOD OF PLACEMENT gravity
27.1. 27.1. 27.1. 27.1.		
40 t		
40 f	ft	
		PREPARED BY: Stephen Zayko
DEPTH BELOW LAND SURF	ACE	

MEASURING POINT IS TOP OF WELL CASING UNLESS NOTED OTHERWISE

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
↑ steel CASING	PROJECT Chemical Land Holdings
	PROJECT# W0021-001-24
1	WELL SW1-6
0.3 ft * Flush Mount	TOWN/CITY & STATE Painsville, OH
)/ LAND OUDSAGE	LAND SURFACE ELEVATION AND DATUM 618.98'
V LAND SURFACE	SURVEYED ESTIMATED
DRILLED HOLE	INSTALLATION DATE(S):
WELL CASING	START DATE & TIME 9/30/97 / 10:05
2 INCH DIAMETER	COMPLETION DATE & TIME 9/30/97
PVC	
BACKFILL	
☐X GROUT	DRILLING METHOD 4 1/4" Hollow Stem Auger
	DRILLING CONTRACTOR Bowser Morner
5.5 ft	DRILLING FLUID None
BENTONITE SLURRY \$\infty\$ PELLETS \[7.65 \) ft	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
9.65 ft	WATER REMOVED DURING DEVELOPMENT
2 WELL SCREEN	STATIC DEPTH TO WATER see develop. log
2 INCH DIAMETER PVC 10 SLOT	GROUT % BENTONITE VOLUME
GRAVEL PACK, SIZE	METHOD OF PLACEMENT Through Augers
x SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 350 POUNDS
FORMATION COLLAPSE	METHOD OF PLACEMENT
19.65 ft	
119.65 ft	
110.00	PREPARED BY: Rueben Kent
DEPTH BELOW LAND SURFACE	1

MEASURING POINT IS TOP OF WELL CASING

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
steel CASING	PROJECT Chemical Land Holdings
	PROJECT# W0021-001-34
	WELL SW1-7
2.9 ft	TOWN/CITY & STATE Painsville, OH
V LAND SURFACE	LAND SURFACE ELEVATION AND DATUM 618.25' SURVEYED ESTIMATED
8 1/4 INCH DIAMETER	
DRILLED HOLE	INSTALLATION DATE(S):
WELL CASING	START DATE & TIME 10/1/97 / 13:30
2 INCH DIAMETER	COMPLETION DATE & TIME 10/1/97
BACKFILL	
☐X GROUT	DRILLING METHOD 4 1/4" Hollow Stem Auger
	DRILLING CONTRACTOR Bowser Morner
21.6 ft	DRILLING FLUID None
BENTONITE SLURRY	
X PELLETS	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
23.7 ft	
25.8 ft	
	WATER REMOVED DURING DEVELOPMENT
WELL SCREEN	STATIC DEPTH TO WATER see develop. log
2 INCH DIAMETER	GROUT % BENTONITE VOLUME
PVC 10 SLOT	
GRAVEL PACK, SIZE	METHOD OF PLACEMENT Through Auger
X SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 350 POUNDS
FORMATION COLLAPSE	METHOD OF PLACEMENT
35.8 %	
35.8 ft 36 ft	
σο π	PREPARED BY: Rueben Kent
* DEDTH DELOW! AND CUDEACE	PREPARED BY: Rueben Kent
DEPTH BELOW LAND SURFACE	
MEASURING POINT IS TOP OF WELL CASING	

WELL CONSTRUCTION LOG

PROJECT Chemical Land Holdings PROJECT # W0021-001-19 WELL SW2-1 TOWN/CITY & STATE Painsville, OH LAND SURFACE ELEVATION AND DATUM 613.32' SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 10/7/97 / 13:00 COMPLETION DATE & TIME 10/7/97 / 18:00
WELL SW2-1 TOWN/CITY & STATE Painsville, OH LAND SURFACE ELEVATION AND DATUM 613.32' SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 10/7/97 / 13:00
TOWN/CITY & STATE Painsville, OH LAND SURFACE ELEVATION AND DATUM 613.32' SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 10/7/97 / 13:00
LAND SURFACE ELEVATION AND DATUM 613.32' SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 10/7/97 / 13:00
SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 10/7/97 / 13:00
DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR Bowser Morner DRILLING FLUID None
DEVELOPMENT TECHNIQUE(S) AND DATE(S)
WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see develop. log GROUT % BENTONITE VOLUME
METHOD OF PLACEMENT Through Augers GRAVEL/SAND VOLUME 350 POUNDS METHOD OF PLACEMENT
PREPARED BY: Rueben Kent
- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

MEASURING POINT IS TOP OF WELL CASING

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
↑ steel CASING	PROJECT Chemical Land Holdings
	PROJECT # W0021-001-19
	WELL SW2-2
2.9 ft	TOWN/CITY & STATE Painsville, OH
	LAND SURFACE ELEVATION AND DATUM 613.29'
│ │	SURVEYED ESTIMATED
8 1/4 INCH DIAMETER	
DRILLED HOLE	INSTALLATION DATE(S):
WELL CASING	START DATE & TIME 10/7/97 / 7:45
2 INCH DIAMETER	COMPLETION DATE & TIME 10/7/97 / 12:30
	10/1/31 12:30
PVC	
☐ BACKFILL	
TX GROUT	DRILLING METHOD 4 1/4" Hollow Stem Auger
	DRILLING CONTRACTOR Bowser Morner
19.8 __ ft*	DRILLING FLUID None
hydrated w/ 15 gal of water	
BENTONITE SLURRY	
X PELLETS	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
22.1 ft*	
24 ft*	
	WATER REMOVED DURING DEVELOPMENT
WELL SCREEN	STATIC DEPTH TO WATER
2 INCH DIAMETER	GROUT % BENTONITE VOLUME
<u>PVC</u> 10 SLOT	
GRAVEL PACK, SIZE	METHOD OF PLACEMENT Gravity
X SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 400 POUNDS
FORMATION COLLAPSE	METHOD OF PLACEMENT Gravity
34 ft	
34.5 ft*	
	PREPARED BY: Rueben Kent
DEPTH BELOW LAND SURFACE	
MEASURING POINT IS TOP OF WELL CASING	

WELL CONSTRUCTION LOG

4 inch square	PROTECTIVE		
∧steel	CASING	PROJECT Chemical Land Hol	ldings
		PROJECT# W0021-001-19	
		WELL SW4-1	
2.4 ft		TOWN/CITY & STATE Painsvi	lle, OH
			·
1 1 1			
1 1 1		LAND SURFACE ELEVATION AND D	ATUM 599.96'
		SURVEYED [ESTIMATED
	8 INCH DIAMETER		
	DRILLED HOLE	INSTALLATION DATE(S):	
	WELL CASING	START DATE & TIME	9/10/97
	2 INCH DIAMETER	COMPLETION DATE & TIME	9/11/97
	PVC		
	BACKFILL		
<u>×</u>	GROUT		Hollow Stem Auger
	•	DRILLING CONTRACTOR	Bowser Morner
	π	DRILLING FLUID None	
	BENTONITE SLURRY		
BENTONITE SLURRY X PELLETS 24.3 ft		DEVELOPMENT TECHNIQUE(S) AND DATE(S)	
		DEVELOPMENT TECHNIQUE(3) ANI	D DATE(S)
	-"		
1 1 1 1			
26	ft		
		WATER REMOVED DURING DEVEL	OPMENT
	WELL SCREEN	STATIC DEPTH TO WATER	see develop. log
	2 INCH DIAMETER	GROUT 6% BENTON	· · · · · · · · · · · · · · · · · · ·
	PVC 10 SLOT		

	GRAVEL PACK, SIZE	METHOD OF PLACEMENT	tremie
	SAND PACK, SIZE #5	GRAVEL/SAND VOLUME	250 POUNDS
	FORMATION COLLAPSE	METHOD OF PLACEMENT	Gravity
			. —
36			
36.3	ft*		
		PREPARED BY: Stephe	n Zayko
DEPTH BELOW LAND SUR	FACE		

MEASURING POINT IS TOP OF WELL CASING UNLESS NOTED OTHERWISE

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
↑ steel CASING	PROJECT Chemical Land Holdings
	PROJECT # W0021-001-31
	WELL SW4-4
2.9 ft	TOWN/CITY & STATE Painsvile, OH
LAND SURFACE 8 INCH DIAMETER DRILLED HOLE WELL CASING 2 INCH DIAMETER	LAND SURFACE ELEVATION AND DATUM 607.39' SURVEYED ESTIMATED INSTALLATION DATE(S): START DATE & TIME 9/15/97 / 15:25 COMPLETION DATE & TIME
PVC BACKFILL S GROUT 7 ft BENTONITE SLURRY PELLETS 9.5 ft	DRILLING METHOD 4 1/4" Hollow Stem Auger DRILLING CONTRACTOR Bowser Morner DRILLING FLUID None DEVELOPMENT TECHNIQUE(S) AND DATE(S)
9.5 ft WELL SCREEN 2 INCH DIAMETER PVC 10 SLOT	WATER REMOVED DURING DEVELOPMENT STATIC DEPTH TO WATER see development log GROUT 6% BENTONITE VOLUME 16 gal
GRAVEL PACK, SIZE X SAND PACK, SIZE #5 FORMATION COLLAPSE 22 ft	METHOD OF PLACEMENT Gravity GRAVEL/SAND VOLUME 500 POUNDS METHOD OF PLACEMENT Gravity
DEPTH BELOW LAND SURFACE	PREPARED BY: Stephen Zayko
MEASURING POINT IS TOP OF WELL CASING	

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
↑ steel CASING	PROJECT Chemical Land Holdings
	PROJECT# W0021-001-32
	WELL SW7-2
1.1 ft	TOWN/CITY & STATE Painsville, OH
V LAND SURFACE	LAND SURFACE ELEVATION AND DATUM 580.08' SURVEYED ESTIMATED
8 1/4 INCH DIAMETER	
DRILLED HOLE	INSTALLATION DATE(S):
WELL CASING	START DATE & TIME 10/14/97 / 10:40
2 INCH DIAMETER	COMPLETION DATE & TIME
PVC	
BACKFILL	
☐ S GROUT concrete	DRILLING METHOD 4 1/4" Hollow Stem Auger
	DRILLING CONTRACTOR Bowser Morner
. 1.5 ft*	DRILLING FLUID None
BENTONITE SLURRY X PELLETS 4 ft	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
<u>5</u> ft	WATER REMOVED DURING DEVELOPMENT
WELL SCREEN	STATIC DEPTH TO WATER see develop. log
2 INCH DIAMETER PVC 10 SLOT	GROUT NA % BENTONITE VOLUME NA
GRAVEL PACK, SIZE	METHOD OF PLACEMENT Gravity
X SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 250 POUNDS
FORMATION COLLAPSE	METHOD OF PLACEMENT Gravity
11 ft [*]	
11.5 ft	
DEPTH BELOW LAND SURFACE	PREPARED BY: Rueben Kent
DEPTH BELOW LAND SUKFACE	
MEASURING POINT IS TOP OF WELL CASING	

WELL CONSTRUCTION LOG

4 inch square PROTECTIVE	
↑ steel CASING	PROJECT Chemical Land Holdings
	PROJECT# W0021-001-33
	WELL SW7-3
2.7 ft	TOWN/CITY & STATE Painsvile, OH
	LAND SURFACE ELEVATION AND DATUM 606.02'
V LAND SURFACE	SURVEYED ESTIMATED
8 INCH DIAMETER	
DRILLED HOLE	INSTALLATION DATE(S):
WELL CASING	START DATE & TIME 9/10/97 /12:05
0	· · · · · · · · · · · · · · · · · · ·
2 INCH DIAMETER	COMPLETION DATE & TIME 9/10/97 / 17:05
PVC	
BACKFILL	
☐ GROUT Concrete	DRILLING METHOD 4 1/4" Hollow Stem Auger
	DRILLING CONTRACTOR Bowser Morner
2 ft*	DRILLING FLUID None
BENTONITE SLURRY	
X PELLETS	DEVELOPMENT TECHNIQUE(S) AND DATE(S)
4 ft [*]	
6.2 ft	
	WATER REMOVED DURING DEVELOPMENT
WELL SCREEN	STATIC DEPTH TO WATER see develop. log
2 INCH DIAMETER	GROUT NA % BENTONITE VOLUME NA
PVC 10 SLOT	360 lbs cement
GRAVEL PACK, SIZE	METHOD OF PLACEMENT gravity
x SAND PACK, SIZE #5	GRAVEL/SAND VOLUME 400 POUNDS
FORMATION COLLAPSE	METHOD OF PLACEMENT gravity
16.2 ft [*]	
16.2 ft	
	PREPARED BY: Stephen Zayko
DEPTH BELOW LAND SURFACE	•
MEASURING DOINT IS TOD OF WELL CASING	

WELL CONSTRUCTION LOG

steel CASING PROJECT Chemical Land Holdings PROJECT# W0021-001-33 WELL SW7-4 TOWN/CITY & STATE Painsville, OH LAND SURFACE ELEVATION AND DATUM 611 SURVEYED ESTIMATED	
PROJECT # W0021-001-33 WELL SW7-4 TOWN/CITY & STATE Painsville, OH LAND SURFACE ELEVATION AND DATUM 611	
WELL SW7-4 TOWN/CITY & STATE Painsville, OH LAND SURFACE ELEVATION AND DATUM 611	
0.4 ft TOWN/CITY & STATE Painsville, OH LAND SURFACE ELEVATION AND DATUM 611	
LAND SURFACE ELEVATION AND DATUM 611	
	2/1
SURVEYED ESTIMATED	
9 INCUDIAMETER	
8 INCH DIAMETER	
DRILLED HOLE INSTALLATION DATE(S):	
WELL CASING START DATE & TIME 9/8/1997 /14:45	
2 INCH DIAMETER COMPLETION DATE & TIME 9/10/97 / 11:00	
PVC	
BACKFILL DRIVING METHOD A 1/4// Hallow Chara Average	
DRILLING METHOD 4 1/4" Hollow Stem Auger	
DRILLING CONTRACTOR Bowser Morner	
DRILLING FLUID None	
BENTONITE SLURRY	
PELLETS DEVELOPMENT TECHNIQUE(S) AND DATE(S)	
4 ft*	
8 ft*	
WATER REMOVED DURING DEVELOPMENT	
WELL SCREEN STATIC DEPTH TO WATER see develop. lo	
	lbs_
PVC 10 SLOT - Quik Crete	
dry mix concrete (90 lb bags)	
GRAVEL PACK, SIZE METHOD OF PLACEMENT gravity	
SAND PACK, SIZE #5 GRAVEL/SAND VOLUME 450 PC	UNDS
FORMATION COLLAPSE METHOD OF PLACEMENT gravity	
18 π˙	
20 ft	
PREPARED BY: Stephen Zayko	
Bentonite Pellets - hydrated 1 hr+	
20.2 %	
22.3 ft	
0	
Sand 10 x 50lb bags = 500lbs	
<u>36</u> ft	
bentonite pellets, 15 gal of water	
40 ft	

APPENDIX B SOIL SAMPLING FORMS



Painesville Works Site

Project No. (. YZD I	-001-23	Project Location SA	ASR
Sample No.	SBI-1	<u> </u>	0 1	7/97
Sample Point D			Date	1/9 /
Sample Fullit D	rescription			·
	·			
SAMPLE COLL		A		
Equipment Use	d 13-61	Drill &	2	
	<u> </u>		<i>U</i>	
QA/QC samples	s collected?	MO		
0 1 1				
Sample No.	Depth	Type of Material	Container Size	Analysis Requested
531-1	0-7	Soil	1-402. 2-160-	X
			(8) 2 10 8	, N
∆ ⁄.—_ ∧	01.1.0.		- C 1- C	
Tal		, TEL V		ر\$
CL			3 , 1	2 K
Chro	ma-)	100, /	tebentos	
0				
Comments				
			7	
Sample collecto	or (s)	Stephen	Zayko	
		V		

Painesville Works Site

Project No.	U0021-07	01-23	Project Location S. A. 1	ASR
Sample No.	SB1-1		Date 9/18/9	1
Sample Point D	escription			
SAMPLE COLL	ECTION			
Equipment Use	d B-6	1 Drilla	<u> </u>	
			0	
QA/QC sample	s collected?	no		
Sample No.	Depth	Type of Material	Container	Analysis
5B1-1	2-65	Soul	1-402, 2-1602	Requested
5.01		20 Q	1103/2/03	
TAL M	tals, To	LIDCS.	TCL SVOCS TC	C. Pests.
TCL	PCBS,	Hexano	TCL SVOCS, TC	stos
Comments				
				
	·			
Sample collecto	or (s)	Stepher	2 Zayko	
		<i>y</i> – •		

Painesville Works Site

Project No.	W0021-01	01-23	Project Location SAI -	AR	
Sample No. $SB1-2$ Date $9/19/9$					
Sample Point Description .					
SAMPLE COLL	ECTION	· 			
Equipment Use	d Blel	Drill R.	3		
QA/QC sample	s collected?	No			
Sample No.	Depth	Type of Material	Container Size	Analysis	
SB1-2	0-2	SÓO	1-320, 2-402	Requested	
			0 0 0	4	
<u>.</u>					
+ TAL	Meta	ls, TCC	VOCS, TCL SVOCS CL PCBS TOC, to bestas	,	
	TCLP	ESTS 7	CL PCBS		
	Hex C	wome	TOC, to bestas		
				·	
Comments					
Comments					
Sample collecte	or (s)	Stephon	Zayko		
•		The state of the s			

Painesville Works Site Painesville, Ohio

Project No.	00021-00	1-23	Project Location $SAI - AI$	rse.	
Sample No. $SBI-2$ Date $9/23/97$					
Sample Point D	_				
SAMPLE COLL	ECTION				
Equipment Used	d B617	Fill Rig			
		O			
QA/QC samples	s collected?	yes - Du	ps, MS/MSD		
Sample No.	Depth	Type of Material	Container Size	Analysis	
521-2	2-74	Soul	1-3203 2-403	Requested	
DUP 1	(2-74)	Soil	1-320, 2-40	A	
581-2	2-74	Sol	1-328,7-48	*	
MRINIZID			01.0		
* TAL	Metals.	TCL VO	CE TELSVOG, TEL	PETS	
72	LPUBS	Ackent	CS, TCLSVOCS, TCL	00	
L) !		
Comments					
Sample collecto	or (s)	Stephen	r Zayto		

Painesville Works Site

Project No. WOO21-001-23 Project Location SA1 ASR Sample No. SB1-3 Date 9/19/97 Sample Point Description SAMPLE COLLECTION Equipment Used B61 Dr. 11 Reg						
QA/QC samples	QA/QC samples collected? 100					
SBI-3	2-71'	Material Soil	1-40, 2-16 0z	Requested		
V						
*TAC 12(Metal VOCS CHS	JELS BESTOS	CBS, TCL PESTS, VOCS, hex Cono	TCL		
Comments						
Sample collector (s) Stephen Zay Ko						

Painesville Works Site

Project No.	NOO21-	001-23	Project Location SA (ASR	
Sample No.	SB1-3		Date 9/18/97		
Sample Point D	escription		· /	•	
SAMPLE COLLI					
Equipment Used	1 B-61	Drill Ri	9		
QA/QC samples	s collected?	100			
	J 3011301301.	<i>x</i>			
Sample No.	Depth	Type of	Container	Analysis	
(1) 3	57 - 2	Material	Size	Requested	
561-3	0-2	Sål	1-49,2-160g	+	
3+ -+ h 1 C	0.1.0.0.1	77 : 10		0.1	
TO	Or BC	TO C 110 10	Chrome, Askasto	TCL Pest,	
		rocites	Crove, MANTO	3	
Comments					
Sample collecto	r (s)	Stephen t	Zaigko		

Painesville Works Site

Project No.	W6021-	-001-19	Project Location Structure	rea 1
Sample No. 581-4 Date 9/3/97				
Sample Point D	escription	130' Sout	n I load plane	(ale.
County	Comm	s proper		
		blogas	narhar	, <u> </u>
SAMPLE COLL			71 437	
Equipment Used	3 "h	and Ow		
• •	<u> </u>	arsi wa	Y	
QA/QC samples	s collected?	NO		
Sample No.	Depth	Type of	Container	Analysis
2011		Material	Size	Requested
\$81-4	0-21	Soil	leon glass	TACMETALS, TOC, HEXCE, ABBEST! TCLSVOCS, PCBS, PESTS
561-4	0-0'	Soil	1600 Cylass (PESTS PUB,
SB1-4	0-9,	200	402 glass	TCL VOCS
Comments moder or Staining choserved				
Sample collecto	or (s)	Teresa Si	super / Stephen &	ayko
Sample collector (s) Teresa Szuper/Stephen Zayko				

Painesville Works Site

Project No. wood 21-001-6020 Project Location Study area 1				
Sample No. 581-5 Date 8/28/97				
Sample Point Description	Northo Ra	ilroad trach co	outro a fence	
line; ~ 190' ca	ot or Fel	ilroad trach so	n fronta	
goto to S.A	5 t Q	P	0	
SAMPLE COLLECTION	L			
Equipment Used 3" ha	and awar	\mathcal{C}		
	Ó			
QA/QC samples collected?	NO			
Sample No. Depth	Type of	Container	Analysis	
SB1-5 0-71	Material	Size	Requested	
SB1-5 0-21	Sol	1605	HEXCE ASSTER	
SB1-5 0-78	Soil	Ha	TCL VOCs	
		3	1 CL VICS	
Comments Mo order or string observed				
Comple called to (2)	Talland			
Sample collector (s) Tenesa C. Szupor				

Painesville Works Site

Project No. 👢	Project No. WOO21-001-19 Project Location Study Area 1					
Sample No.	SB1-6		Date 9/2/9			
Sample Point D	escription	(25 FE	FROM CORNER OF FO	ENCE LING		
_225° F	- SAUE -ROMA CORA	VER PAIN	TED ORANGE 1 Ft. FRO	m 6200us		
	71			m Garage		
SAMPLE COLL						
Equipment Use	a 3" ho	ind auc	201			
		2K(X) 25 - <u>x</u>	7			
QA/QC samples	s collected?	NO				
Sample No.	Depth	Type of	Container	Analysis		
Call	N-21	Material C 1 0	Size	Requested		
SB1-6	0-21	Soil	1600 glass	TACMETALS, TOC, ASBUSTUS, HEYCO, TILL SVOCE, PLB.		
CALT	N-21	Soil	llog grace	TEL SVOCS, PLB,		
0010	0-2	Soil	40 glass	TILVOCS		
	,					
Comments NO ODOR NO STAINING						
				. •		
Sample collecto	or (s)	Teresa >	> Zeiper			
Sample collector (s) TEVESON SZELPON STEPHEN ZAYHO						

Painesville Works Site Painesville, Ohio

Project No. 600 21-001-20			Project Location STUDY AREA 1		ı
Sample No. SBI-7			Date 8/28/97		ı
Sample Point D	Description /	Vortuo r	ailroad tracks,	south on	ı
forms !	line;	20 feet	west of genc		Ī
1 CCH &	PVS	or oberty			Ī
SAMPLE COLÌ	ECTION				Ī
Equipment Use	ed 3" ha	nd anger			l
QA/QC sample	s collected?	NO			
Sample No.	Depth	Type of	Container	Analysis	i
		Material	Size	Requested	ı
SBI-7	0-21	SOIL	16 02	TCL SVOOS, PLBS, PEST TOC, HEX CRITAL, TEPS	ı
SB1-7	0-21	SOIL	1603		,70S
SB1-7	0-2'	SOIL	402	TIL VOCS	
					ı
					ı
					I
					ı
					ı
					:
					l
					i
Comments	Moode	er or s	staining obser	ved	: :
					I
Sample collect	or (s)	Teresa C	. Szuper		